



2025 Annual Report Remedial Action Performance and Groundwater Compliance Monitoring

Cenex Harvest States Cooperatives Site
300 Division Street East
Quincy, Washington

Farallon PN: 301-001

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ACRONYMS AND ABBREVIATIONS

1,2-DCP	1,2-dichloropropane
1,2,3-TCP	1,2,3-trichloropropane
2024 CMP	Letter Regarding Proposed Compliance Groundwater Monitoring Modifications and Microsparge/Soil Vapor Extraction System 2024 Optimization Plan, from Jeff Kaspar and Tracey Mulhern. to Kristin Beck, Washington State Department of Ecology dated April 26, 2024,
2025 Annual Report	<i>2025 Annual Report, Remedial Action Performance and Groundwater Compliance Monitoring, Cenex Harvest States Cooperatives Site, 300 Division Street East, Quincy, Washington</i> dated December 2, 2025 prepared by Farallon Consulting, L.L.C. (this document)
bgs	below ground surface
CHS	CHS Inc.
CHS Property	Grant County Parcel No. 040525043, near 300 Division Street East, in Quincy, Washington
COCs	constituents of concern
Consent Decree	Consent Decree No. DE-00TCPER-1815 dated February 22, 2001 entered into by the Washington State Department of Ecology and Cenex Harvest States Cooperatives
Ecology	Washington State Department of Ecology
EPA	U.S. Environmental Protection Agency
Farallon	Farallon Consulting, L.L.C.
Final CAP	<i>Final Cleanup Action Plan, Cenex/Quincy Site, Quincy, WA</i> dated February 22, 2001



IHSs	indicator hazardous substances
IOW	inches of water
µg/L	micrograms per liter
µg/m ³	micrograms per cubic meter
msl	mean sea level
MS/SVE	microsparge/soil vapor extraction
MSW	microsparge well
O&M	operation and maintenance
PQL	practical quantitation limit
PR	Periodic Review
QA/QC	quality assurance/quality control
RAP	<i>Draft Remedial Action Work Plan, Cenex Harvest States Cooperatives Site, 300 Division Street, Quincy, Washington dated July 2, 2001 prepared by Farallon Consulting, L.L.C.</i>
RPD	relative percent difference
scfh	standard cubic feet per hour
scfm	standard cubic feet per minute
Second PR	<i>Second Periodic Review, CENEX Supply & Marketing Inc. Rinsate, 300 Division St. East, Quincy, Grant County, Facility Site ID No. 33599645, Cleanup Site ID No. 370 dated December 2022, prepared by Toxics Cleanup Program, Eastern Region, Washington State Department of Ecology</i>
Site	Grant County Parcel No. 040525043, near 300 Division Street East, in Quincy, Washington and adjacent and down-gradient properties where hazardous substances released from the CHS Property have come to be located
SVE	soil vapor extraction
VEW	vapor extraction well
VOCs	volatile organic compounds



1.0 INTRODUCTION

Farallon Consulting, L.L.C. (Farallon) has prepared this 2025 Annual Report (2025 Annual Report) for CHS Inc. (CHS) (formerly Cenex Harvest States Cooperatives) to present the results from performance air monitoring of the microsparge/soil vapor extraction (MS/SVE), groundwater compliance monitoring, and operation and maintenance (O&M) activities performed between December 2024 and September 2025 at the Cenex Harvest States Cooperatives Site (herein referred to as the Site) (Figure 1). The Site is defined as Grant County Parcel No. 040525043, near 300 Division Street East, in Quincy, Washington (herein referred to as the CHS Property) and adjacent and down-gradient properties where hazardous substances released from the CHS Property have come to be located. A facility plan of the CHS Property and the monitoring well network are provided on Figures 2 and 3, respectively.

The cleanup activities are being performed in accordance with the requirements of Consent Decree No. DE-00TCPER-1815 dated February 22, 2001, entered into by the Washington State Department of Ecology (Ecology) (2001b) and Cenex Harvest States Cooperatives (Consent Decree). Work was completed in accordance with the *Final Cleanup Action Plan, Cenex/Quincy Site, Quincy, WA* dated February 22, 2001 (Final CAP), Exhibit B of the Consent Decree (Ecology 2001a), along with the Letter Regarding Proposed Compliance Groundwater Monitoring Modifications and Microsparge/Soil Vapor Extraction System 2024 Optimization Plan (2024 CMP) (Farallon 2024a), approved by Ecology (2024) on April 26, 2024.

1.1 WORK COMPLETED BETWEEN DECEMBER 2024 AND SEPTEMBER 2025

Work conducted at the Site between December 2024 and September 2025 consisted of:

- Routine O&M of the MS/SVE system and collection of performance air samples in December 2024 and April 2025 (Farallon 2025b; 2025c), and September 2025;
- Installation of monitoring wells MW-46 (shallow) and MW-48 (deep) on Quincy School District property (Figure 3) (Farallon 2025b), replacing monitoring wells MW-34 (deep) and MW-35 (shallow), which will be decommissioned;
- Compliance groundwater monitoring and sampling March 31 through April 2, 2025 (Farallon 2025b) and September 8 through 10, 2025;



- Completion of the MS/SVE system performance evaluation and system operational recommendations (Farallon 2025c); and
- Shutdown of the air sparging component of the MS/SVE system at the CHS Property on June 30, 2025.

This 2025 Annual Report presents the results from the September 2025 semiannual performance air and groundwater compliance monitoring, and O&M activities; a summary of the performance air and groundwater compliance monitoring, and O&M activities conducted from December 2024 through September 2025; a summary of the MS/SVE system performance evaluation; a summary of the progress toward completing recommendations identified in the Second Periodic Review (PR) (Ecology 2022); and conclusions and planned work.

1.2 BACKGROUND

Remedial activities have been conducted at the Site since the early 1990s due to historical releases of volatile organic compounds (VOCs) to soil and groundwater from a former fumigant tank storage area and rinsate collection system on the CHS Property (Figure 2). The rinsate collection system consisted of a concrete rinse pad and a rinsate collection pond used to collect rinsate water from the cleaning of agricultural application equipment. Based on the historical remedial investigation activities, the indicator hazardous substances (IHSs) for groundwater were established as a subset of the constituents of concern (COCs) for the Site and defined by Ecology (2001a) in the Final CAP, Exhibit B of the Consent Decree. The IHSs for groundwater for the Site are chloroform, 1,2-dibromoethane, 1,2-dichloroethane, 1,2-dichloropropane (1,2-DCP), 1,1,2-trichloroethane, 1,2,3-trichloropropane (1,2,3-TCP), and vinyl chloride.

Releases at the CHS Property impacted soil and groundwater and have migrated in groundwater to the southeast. One or more IHSs have been detected in groundwater at concentrations exceeding the Site cleanup levels in groundwater samples collected 2,000 to 2,500 feet down-gradient of the source area on the CHS Property. The southeast-trending groundwater plume is relatively narrow in width compared to its length, approximately 300 feet at the widest point.

An extensive groundwater monitoring network is in place at the Site consisting of both shallow and deep monitoring wells designed to monitor groundwater near the top and bottom of the uppermost aquifer at the Site. Shallow monitoring wells at the Site are



completed to a total depth of approximately 20 to 25 feet below ground surface (bgs); and deep monitoring wells to a total depth of approximately 40 to 45 feet bgs. The groundwater plume has been regularly monitored since 1996 to ensure cleanup activities at the CHS Property continue to protect human health and the environment.

Historical remedial actions at the Site included removal of COC-affected soil from the former rinsate pond, fumigant tank, and rinse pad areas and installation of an air sparge and SVE system. CHS completed installation and start-up of the current MS/SVE soil and groundwater treatment system at the Site in November 2001. Performance air and groundwater compliance monitoring generally has been routinely conducted with Ecology oversight since system start-up. Details of system start-up and operation were presented in the *Cleanup Action Report, Cenex Harvest States Cooperative [sic] Site, 300 Division Street, Quincy, Washington* dated April 5, 2002, prepared by Farallon (2002). The MS/SVE system was designed to perform three primary operations:

- Extraction of VOCs from vadose zone soil using vapor extraction (VEW) wells VEW-1 through VEW-9 (VEW wells);
- Air sparging for stripping of VOCs from groundwater at two depths in MS/SVE microsparge wells (MSW) MSW-1 through MSW-12; and
- Extraction of VOCs from vadose zone soil and stripped VOC vapors from the SVE component of the 12 MSW wells.

1.3 ORGANIZATION

This 2025 Annual Report is organized into the following sections:

- **Section 2, September 2025 Groundwater Compliance Monitoring**, presents the semiannual September 2025 groundwater compliance monitoring results.
- **Section 3, September 2025 Performance Air Monitoring**, presents the semiannual September 2025 performance air monitoring results and remediation system O&M activities.
- **Section 4, Performance Air Monitoring Annual Summary**, presents the performance air monitoring results for the past year.
- **Section 5, Groundwater Compliance Monitoring Annual Summary**, presents a summary of the groundwater elevation and analytical results for the past year and a trend analysis of groundwater concentrations.



- **Section 6, Operation and Maintenance Annual Summary**, provides a summary of O&M activities conducted for the MS/SVE system and monitoring wells at the Site over the past year along with MS/SVE system optimization efforts.
- **Section 7, Second Periodic Review**, provides a summary of the progress in completing recommendations identified in the Second PR.
- **Section 8, Conclusions**, provides Farallon's conclusions pertaining to the ongoing remediation and monitoring activities at the Site.
- **Section 9, References**, presents a list of the documents cited in this 2025 Annual Report.
- **Section 10, Limitations**, presents Farallon's standard limitations for this 2025 Annual Report.



2.0 SEPTEMBER 2025 GROUNDWATER COMPLIANCE MONITORING

This section presents a summary of the results from September 2025 groundwater compliance monitoring event, the analytical data quality assurance/quality control (QA/QC) review, and a discussion of the results.

2.1 GROUNDWATER COMPLIANCE MONITORING

The September 2025 groundwater compliance monitoring event conducted at the Site is described below. Between September 8 and 10, 2025, groundwater compliance samples were collected from monitoring wells MW-1 through MW-3, MW-5 through MW-9, MW-11 through MW-13, MW-15 through MW-17, MW-20, MW-21, MW-24 through MW-26, MW-28 through MW-33, and MW-36 through MW-48 in accordance with the 2024 CMP. Deviations from the groundwater monitoring outlined in the 2024 CMP during the September 2025 groundwater compliance monitoring event included omitting monitoring wells MW-34 and MW-35 and adding monitoring wells MW-47 and MW-48. Monitoring wells MW-47 and MW-48 were installed in March 2025 (Farallon 2025b) and MW-34 and MW-35 will be decommissioned. Duplicate QA/QC samples were collected from monitoring wells MW-24, MW-38, and MW-46. Each monitoring well at the Site is designated as shallow or deep in Tables 5 through 7. Shallow monitoring wells at the Site are completed to a total depth of approximately 20 to 25 feet bgs; deep monitoring wells are completed to a total depth of approximately 40 to 45 feet bgs. Monitoring well locations are presented on Figure 3.

2.1.1 Groundwater and Surface Water Elevation

Prior to sampling, the depth to groundwater in each monitoring well was measured using an electronic water-level indicator. The monitoring wells were opened, and the water levels were allowed to equilibrate before measurement. The groundwater level was measured to the surveyed reference point on the top of the well casing to derive the groundwater elevation at each monitoring well. The distance from the surveyed reference point to the water surface in the West Canal (Figure 3) also was measured using an electronic water-level indicator. The surface water in the drainage ditch adjacent to the West Canal was not measured during the September 2025 event due to heavy vegetation that prevented access to the drainage ditch. The distance to the water surface in the West Canal was measured from the surveyed measuring point on the top of the bridge along F Street Southeast (Figure 3). Depth to groundwater and surface water measurements were completed in approximately 2 hours on September 8, 2025.



2.1.2 Groundwater Sample Collection

Groundwater samples were collected September 8 through 10, 2025. Before the monitoring wells were purged, the dedicated polyethylene tubing intake was placed at the approximate center of the screened interval in each monitoring well. Groundwater was then purged from each well using a peristaltic pump at flow rates between 100 and 200 milliliters per minute. During the purging of groundwater, field measurements were taken for pH, temperature, specific conductivity, dissolved oxygen, turbidity, and oxidation-reduction potential using YSI Model ProDSS water-quality analyzers equipped with flow-through cells. Groundwater samples were collected after the pH, temperature, and specific conductivity parameters stabilized. Stabilization for pH is determined as a change of plus or minus 0.1 pH unit between readings for three consecutive measurements, and for temperature and specific conductivity as a relative percent difference (RPD) of less than 3 percent between readings for three consecutive measurements. After stabilization was achieved, groundwater samples were immediately collected from each well by discharging groundwater directly from the dedicated polyethylene tubing outlet into laboratory-prepared sample containers. The samples were labeled, placed on ice, and transported under chain-of-custody protocols in accordance with the *Draft Remedial Action Work Plan, Cenex Harvest States Cooperatives Site, 300 Division Street, Quincy, Washington* dated July 2, 2001 prepared by Farallon (2001) (RAP) to OnSite Environmental Inc. of Redmond, Washington (OnSite).

2.1.3 Analytical Method

The groundwater samples were analyzed for the groundwater IHSs for the Site using U.S. Environmental Protection Agency (EPA) Method 8260D.

2.1.4 Purge Water Handling

The purge water from the March/April 2025 through September 2025 sampling events is being stored in drums in the shed housing the MS/SVE system on the CHS Property pending development of a waste profile and disposal.

2.1.5 Monitoring Well Inspection

Site monitoring wells were inspected for overall integrity during the September 2025 monitoring event. Missing bolts, washers, and gaskets were replaced as necessary.



2.2 GROUNDWATER COMPLIANCE MONITORING RESULTS

Table 1 presents a summary of the groundwater and surface water elevation data for the Site. Table 2 presents a summary of analytical results for IHSs in groundwater for the September 2025 monitoring event and those from the previous three quarters. Site-specific cleanup levels established in the Final CAP (Ecology 2001a), Exhibit B of the Consent Decree, are included in Table 2. Groundwater quality parameters measured in the field are summarized in Table 3. The laboratory analytical report for the September 2025 groundwater monitoring event is provided in Appendix A.

2.2.1 Groundwater and Surface Water Elevation

This section presents the results of evaluation of groundwater flow direction and gradient from the September 2025 groundwater monitoring event. Table 1 presents a summary of the groundwater elevation data and Figure 4 depicts the groundwater elevation contours for monitoring wells in the shallow monitoring well network measured on September 8, 2025.

The groundwater elevation in shallow and deep wells at the Site on September 18, 2025 ranged from 1,276.21 feet above mean sea level (msl) in monitoring well MW-46 to 1,282.54 feet above msl in monitoring well MW-1. The average hydraulic gradient on September 8, 2025 was measured at approximately 0.003 foot per foot across the Site.

On September 8, 2025, the surface water elevation in the West Canal was 1,286.58 feet above msl, 0.18 foot higher than that measured in the previous semiannual monitoring event conducted on March 31, 2025. The surface water elevation in the West Canal drainage ditch was not measured during the September 2025 event due to heavy vegetation that prevented access. The groundwater elevation measured in monitoring well MW-41, installed near the West Canal surveyed measuring point, was 7.89 feet lower than the surface water elevation measured in the West Canal in September 2025. The surface water elevations are measured so they can be compared to groundwater elevations in monitoring wells near the West Canal and West Canal drainage ditch. Higher surface water elevations in the West Canal impact the groundwater elevations and flow direction. Historically, if the surface water elevations measured in the West Canal drainage ditch are lower than adjacent groundwater elevations, this indicates that groundwater is likely discharging to the surface water in the ditch.



2.2.2 Analytical Results

The September 2025 groundwater compliance monitoring event included all monitoring wells that are required for sampling (Farallon 2024; Table 4), including monitoring wells MW-47 and MW-48 that were installed in March 2025 to replace monitoring wells MW-34 and MW-35, which will be decommissioned (Farallon 2025b). Table 2 and Figures 5A through 9B depict the groundwater analytical results, isoconcentration contours, and cross sections for the September 2025 monitoring event. The groundwater analytical results follow:

- 1,2-DCP was detected at concentrations at or exceeding the Site cleanup level of 1 microgram per liter ($\mu\text{g/L}$) in groundwater samples collected from 13 (seven shallow wells and six deep wells) of the 38 monitoring wells sampled during the September 2025 monitoring event (Figures 5A, 6A, 7A, 8A, and 9A).
- 1,2,3-TCP was detected at concentrations at or exceeding the Site cleanup level of 1 $\mu\text{g/L}$ in groundwater samples collected from four (one shallow well and three deep wells) of the 38 monitoring wells sampled, and in the QA/QC duplicate sample collected from monitoring well MW-24 (Figures 5B, 6B, 7B, 8B, and 9B).
- Vinyl chloride, chloroform, 1,2-dichloroethane, 1,1,2-trichloroethane, and 1,2-dibromoethane were not detected at concentrations exceeding Site cleanup levels in any of the groundwater samples collected from Site monitoring wells.

2.2.3 Groundwater Quality Parameters

The final groundwater quality parameters recorded during purging of groundwater at each monitoring well prior to sample collection are provided in Table 3 and summarized below:

- pH values ranged from 7.20 to 7.88;
- Groundwater temperatures ranged from 15.3 to 23.6 degrees Celsius;
- Specific conductivity ranged from 293 to 5,995 microSiemens per centimeter;
- Dissolved oxygen concentrations ranged from 0.19 to 6.37 milligrams per liter; and
- Oxidation-reduction potential values ranged from 96.8 to 193.1 millivolts.



2.3 ANALYTICAL DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

This section presents the analytical data QA/QC review for the groundwater samples collected in September 2025. Analytical results were reviewed in accordance with the procedures outlined in the Quality Assurance Project Plan, presented as Appendix B of the RAP.

2.3.1 Method Deviations

The RAP specifies use of EPA Method 8260B for analysis for VOCs in groundwater. EPA Method 8260D was used for analysis for VOCs in water samples for the September 2025 sampling event because it is the most-current version of EPA Method 8260 analysis, and includes additional laboratory QA/QC measures.

2.3.2 Sample Extraction and Holding Times

Groundwater samples collected in September 2025 were extracted and analyzed within method-specified holding times.

2.3.3 Method Reporting Limits

The laboratory practical quantitation limits (PQLs) for the groundwater analyses were less than or equal to Site cleanup levels.

2.3.4 Field Duplicate Samples

Three groundwater field duplicate samples were collected during the September 2025 sampling event:

- Sample QA/QC-1-090825-P-GW, a duplicate of MW-46-090825-P-GW;
- Sample QA/QC-2-090925-P-GW, a duplicate of MW-24-090925-P-GW; and
- Sample QA/QC-3-090925-P-GW, a duplicate of MW-38-090925-P-GW.

RPD is a measure of precision or reproducibility of measurements. RPDs were calculated for detected IHSs in groundwater samples and field duplicates for the EPA Method 8260D analyses as follows:

$$RPD = \frac{(C_1 - C_2)}{(C_1 + C_2)/2} \times 100$$

Where:

RPD = relative percent difference



C_1 = the larger of the two duplicate results (i.e., the highest detected concentration)

C_2 = the smaller of the two duplicate results (i.e., the lowest detected concentration)

If sample results were less than five times the laboratory PQL, the absolute difference between the two results would be calculated instead of an RPD. In the case where an analyte was not detected, the RPD or absolute difference for that compound was not calculated.

The absolute difference for the QA/QC duplicate sample collected from monitoring well MW-46 was 0.02 for 1,2-DCP and 0.05 for chloroform. The RPDs for the QA/QC duplicate sample collected from monitoring well MW-24 were 0.0 percent for 1,2-DCP and 1.0 percent for 1,2,3-TCP. The RPD for the QA/QC duplicate sample collected from monitoring well MW-38 was 2.6 percent for 1,2-DCP.

Because there are no criteria for evaluating RPDs for organic sample analyses, the results were compared to the EPA *National Functional Guidelines for Inorganic Superfund Methods Data Review* dated November 2020,¹ Part B: Method-Specific Data Review, ICP-MS Data Review, Section VII: Duplicate Sample Analysis, ICP-MS Table 3, *Duplicate Sample Actions*. For groundwater, the criteria for evaluating the precision or reproducibility of duplicate samples are an RPD of less than 20 percent, or an absolute difference of less than one times the laboratory PQL for results less than five times the laboratory PQL. The field duplicate samples collected during the September 2025 sampling event were within the criteria for inorganic laboratory analyses.

2.3.5 Trip Blank

Trip blanks were provided by the analytical laboratory to accompany the groundwater samples. The trip blanks were analyzed for the groundwater IHSs using EPA Method 8260D. IHSs were not detected at a concentration exceeding laboratory reporting limits in the trip blank samples for the EPA Method 8260D groundwater analyses.

2.3.6 Method/Laboratory Blank Samples

Three groundwater method blank samples were analyzed using EPA Method 8260D. None of the analytes were detected at concentrations exceeding the laboratory PQLs in the groundwater blank samples.

¹ EPA 542-R-20-006.



2.3.7 Spike Blank/Spike Blank Duplicate

Three groundwater spike blank/spike blank duplicate samples were analyzed as part of the EPA Method 8260D analysis. RPDs for the three spike blank/spike blank duplicate samples ranged from 0 to 11 percent, within the acceptable laboratory RPD control limits.

2.3.8 Surrogate Recoveries

Surrogate recoveries were analyzed as part of the EPA Method 8260D groundwater analyses. The surrogate recoveries were within laboratory control limits.

2.3.9 Percent Completeness

No sample results were determined to be invalid. Therefore, the percent completeness for the groundwater analytical results for the September 2025 sampling event was 100 percent.

2.4 GROUNDWATER SAMPLING DISCUSSION

The groundwater and surface water elevations measured in September 2025 were consistent with historical seasonal groundwater and surface water elevation results measured during previous sampling events. The groundwater flow direction was to the southeast across most of the Site and to the south near the West Canal during the September 2025 monitoring event, which was also consistent with the historical groundwater flow direction patterns at the Site.

The IHSs 1,2-DCP and 1,2,3-TCP continue to be detected at concentrations exceeding Site cleanup levels in groundwater at the Site (Table 2). A southeast-trending plume of dissolved-phase 1,2-DCP and 1,2,3-TCP was detected at concentrations exceeding the Site cleanup level in groundwater at the Site. The southeast-trending groundwater plume remains relatively narrow in width compared to its length and also has remained relatively stable since groundwater sampling began in the late 1990s. Figures 5A through 8B depict the estimated isoconcentration contours and groundwater analytical results for 1,2-DCP and 1,2,3-TCP in the shallow and deep monitoring well networks for the September 2025 monitoring event. Figures 9A and 9B depict cross sections and 1,2-DCP and 1,2,3-TCP concentrations in groundwater at the Site.

1,2-DCP and 1,2,3-TCP concentrations detected in groundwater samples in September 2025 were generally consistent with previous sampling results. The slight increase in 1,2-DCP concentrations previously observed in groundwater samples collected from shallow



monitoring well MW-28, located at the upgradient edge of the Quincy School District Middle School property (Figure 5A), decreased from 12 µg/L in September 2024 and April 2025 to 8.7 µg/L in September 2025 (Table 2). There is not a statistically significant change in 1,2-DCP concentrations at monitoring well MW-28 based on the data collected for the last two years. Therefore, the 1,2-DCP plume conditions remain stable at this time.

Groundwater samples collected from new monitoring wells MW-47 (shallow) and MW-48 (deep), which were installed in March 2025 (Farallon 2025b), both contained 1,2-DCP at concentrations exceeding the Site cleanup level (Table 2; Figures 5A and 7A). 1,2,3-TCP was not detected at concentrations exceeding the PQL from samples collected from either monitoring well during the March/April and September 2025 sampling events (Table 2; Figures 5B and 7B).

1,2-DCP and 1,2,3-TCP concentrations in both shallow and deep monitoring wells in the vicinity of the MS/SVE system have remained stable since the MS portion of the remediation system was turned off on June 30, 2025 (Table 2; Figures 6A, 6B, 8A, and 8B). Conditions will continue to be monitored to evaluate the stability of 1,2-DCP and 1,2,3-TCP at the CHS Property.

The next semiannual compliance groundwater monitoring event is scheduled for March 2026.



3.0 SEPTEMBER 2025 PERFORMANCE AIR MONITORING

Routine performance air monitoring and O&M of the SVE components of the MS/SVE system was conducted on September 5 and 10, 2025. In late June 2025, air sparging was discontinued in MSW wells MSW-1 through MSW-12 after approval by Ecology (2025b) following its review of the MS/SVE system performance evaluation (Farallon 2025c). The details of the December 2024 through September 2025 MS/SVE system operations are provided in Section 6.0, Operation and Maintenance Annual Summary.

3.1 AIR SAMPLE COLLECTION

Performance air samples were collected September 5, 2025 from sampling ports installed in the MS/SVE system influent air sampling ports as follows:

- MSW influent monitoring: upstream of the air bleed-in valve, and upstream of all carbon filters to monitor the air drawn from the MSW wells; and
- VEW influent monitoring: upstream of the air bleed-in valve, and upstream of all carbon filters to monitor the air drawn from the VEW wells.

Performance breakthrough and effluent air samples were also collected September 10, 2025 from the following locations:

- Breakthrough monitoring, downstream of the first carbon filter; and
- Effluent monitoring, downstream of all carbon filters.

Air samples collected from the MSW and VEW influent air sample ports were collected directly from the sampling ports using 6-liter Summa canisters. The influent air sampling was conducted in accordance with the sampling procedure provided in Attachment A of the Technical Memorandum Regarding Scope of Work for Supplemental Operation and Monitoring Activities for the Microsparge/Soil Vapor Extraction System dated February 26, 2015 (Farallon 2015).

Dedicated fittings and disposable Teflon tubing were used for collection of the MSW and VEW air samples. The initial pressures of the Summa canisters were recorded, and the sampling train was checked for leaks. Upon confirmation that there was no measurable leakage in the sampling train, the sample tubing was purged of 5 internal volumes of air using a GilAir Plus air pump. After the sampling train had been purged, the Summa canister valve was opened, and the canister was allowed to fill until the final pressure reached approximately -5.0 inches of mercury. Air sample parameters, including sample volume,



collection duration, and initial and final pressures, are summarized on Table 5. The air samples were transported under standard chain-of-custody protocols to Eurofins Air Toxics, LLC of Folsom, California.

The effluent and breakthrough air samples were collected directly from the sampling port into a 1-liter Tedlar bag using disposable silicone tubing (Table 5). The samples were labeled and transported under standard chain-of-custody protocols in accordance with the RAP to OnSite.

The MSW and VEW influent air samples were analyzed for the groundwater IHSs by Modified EPA Method TO-15 GC/MS. The effluent air samples collected using a 1-liter Tedlar bag were analyzed for the groundwater IHSs by EPA Method 8260D.

3.2 PERFORMANCE AIR SAMPLING RESULTS

The September 2025 MSW and VEW influent and effluent and air analytical results are summarized in Tables 6 and 7 and are as follows:

- IHSs were not detected at concentrations exceeding the laboratory PQL of 1.0 µg/L in the effluent and breakthrough air samples collected from the MS/SVE system (Table 6).
- 1,2-DCP was detected at a concentration of 19 micrograms per cubic meter (µg/m³) in the influent air sample collected from the MSW wells (Table 7).
- Vinyl chloride was detected at a concentration of 0.60 µg/m³ in the influent air sample collected from the MSW wells (Table 7).
- 1,2-DCP was detected at a concentration of 46 µg/m³ in the influent air sample collected from the VEW wells, (Table 7).
- Vinyl chloride was detected at a concentration of 1.5 µg/m³ in the influent air sample collected from the VEW wells (Table 7).
- 1,2-3-TCP was detected at a concentration of 1.2 µg/m³ in the influent air sample collected from the VEW wells (Table 7).
- Other groundwater IHSs were not detected at a concentration exceeding the laboratory PQLs in the air samples collected from the MSW and VEW wells.



3.3 ANALYTICAL DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

This section presents the analytical data QA/QC review for the air samples collected in September 2025. Analytical results were reviewed in accordance with the procedures outlined in the Quality Assurance Project Plan, presented as Appendix B of the RAP.

3.3.1 Method Deviations

The RAP specifies use of EPA Method 8260B for analysis for VOCs in air. EPA Method 8260D was used for analysis for VOCs in air samples for the September 2025 sampling event because it is the most-current version of EPA Method 8260 analysis, and includes additional laboratory QA/QC measures. Use of Summa canisters for collection of air samples was not discussed in the RAP, so no analytical method was specified. Summa canister air samples were analyzed using Modified EPA Method TO-15 GC/MS, which provides lower detection limits for analysis for VOCs in air than EPA Method 8260 provides.

3.3.2 Sample Extraction and Holding Times

Air samples collected in September 2025 were extracted and analyzed within method-specified holding times.

3.3.3 Method/Laboratory Blank Samples

Two air method blank samples were analyzed using EPA Method 8260D and two air laboratory blank samples were analyzed using Modified EPA Method TO-15 GC/MS. None of the analytes were detected at concentrations exceeding the laboratory PQLs in the air blank samples.

3.3.4 Laboratory Control/Laboratory Control Duplicate Samples

Two laboratory control sample/laboratory control sample duplicate samples were analyzed as part of the Modified EPA Method TO-15 GC/MS analysis for the September 2025 sampling event. The percent recoveries were within the method control limit.

3.3.5 Continuing Calibration Verification

Two air continuing calibration verification samples were analyzed as part of the Modified EPA Method TO-15 GC/MS analysis for the September 2025 sampling event. The percent recoveries for the continuing calibration verification samples were within the method limits.



3.3.6 Surrogate Recoveries

Surrogate recoveries were analyzed as part of the EPA Method 8260D air analysis and the Modified EPA Method TO-15 GC/MS air analysis. The surrogate recoveries were within laboratory control limits.

3.3.7 Percent Completeness

No sample results were determined to be invalid. Therefore, the percent completeness for the air analytical results for the September 2025 sampling event was 100 percent.

3.4 MASS OF 1,2-DCP RECOVERED

The airflow rates of the SVE component of the MSW and VEW wells, and the 1,2-DCP concentrations detected in air samples were used to calculate the estimated cumulative mass of 1,2-DCP recovered by the MS/SVE system since February 2016. Between April 3 and September 5, 2025, approximately 0.0123 pound of 1,2-DCP was recovered by the MSW wells and 0.0138 pound of 1,2-DCP was recovered by the VEW wells. An estimated 0.222 pound of 1,2-DCP has been recovered by the MSW wells and 0.140 pound by the VEW wells between February 10, 2016 and September 5, 2025, for a cumulative total of 0.362 pound of 1,2-DCP recovered between those dates. A summary of the airflow rates and the estimated mass of 1,2-DCP recovered by the MS/SVE system is provided in Table 8.

3.5 OPERATION AND MAINTENANCE ACTIVITIES

The MS/SVE system compressor was turned off by CHS on June 30, 2025 after the modifications to the system operation recommended in the MS/SVE system performance evaluation (Farallon 2025c) was approved by Ecology (2025b). With the compressor shut down, the air flow to the sparge portion of MSW wells MSW-1 through MSW-12 was discontinued. On July 9, 2025, system O&M was conducted, and air flow and pressure measurements were collected. Upon arrival on July 9, 2025, a tear was observed in the flexible piping between the carbon filtration and biofilter, which was repaired. Operation and airflow adjustments were made to the system as follows:

- Operating SVE components of MSW wells MSW-1 through MSW-12 were at a flow rate of 84.96 cubic feet per minute (scfm);
- Operating VEW wells VEW-1 through VEW-9 were at a flow rate of 43.07 scfm; and
- Overall system vacuum was approximately 32.0 inches of water.



On September 5, 2025 after arriving on Site to conduct system O&M and collect air samples, the system vacuum blower was not operating. CHS had been checking on the remediation system operation periodically and last checked on the operation in early August. It is likely that the vacuum blower shut down sometime between early August and September 5, 2025 due to high temperatures. After restarting the vacuum blower operation and airflow, adjustments were made to the system as follows:

- Operating SVE components of MSW wells MSW-1 through MSW-12 were at a flow rate of 85.19 scfm;
- Operating VEW wells VEW-1 through VEW-9 were at a flow rate of 38.19 scfm; and
- Overall system vacuum was approximately 30.1 inches of water.

Fittings on the carbon filtration system and the biofilter were inspected for leaks, misalignment, and loose fittings. All fittings appeared to be tight and aligned.

The next air monitoring and O&M event is scheduled for March 2026.



4.0 PERFORMANCE AIR MONITORING ANNUAL SUMMARY

This section presents a summary of the results from performance air monitoring conducted over the past year.

Performance air samples were collected in December 2024 and April and September 2025 from monitoring ports installed in the MS/SVE system effluent and influent piping. The monitoring ports for the influent and effluent monitoring conducted at the Site are located as follows:

- MSW influent monitoring: upstream of the air bleed-in valve, and upstream of all carbon filters to monitor the air drawn from the MSW wells;
- VEW influent monitoring: upstream of the air bleed-in valve, and upstream of all carbon filters to monitor the air drawn from the VEW wells;
- Effluent monitoring downstream of all carbon filters; and
- Breakthrough effluent monitoring: downstream of the first carbon filter.

A summary of the performance air sampling parameters and analytical results for the past year are provided in Tables 5 through 7 and as follows:

- IHSs were not detected at a concentration exceeding the laboratory practical PQL of 1.0 microgram per liter in the effluent or breakthrough effluent air samples collected during the April and September 2025 sampling events (Table 6);
- 1,2-DCP was detected at a concentration exceeding the laboratory PQL in the air sample collected from the MSW monitoring port in December 2024 and September 2025 (Table 7);
- 1,2-DCP was detected at concentrations exceeding the laboratory PQLs in air samples collected from the VEW monitoring port in December 2024 and April and September 2025 (Table 7);
- 1,2,3-TCP was detected at a concentration exceeding the laboratory PQL in the air sample collected from the MSW monitoring port in April 2025 (Table 7); and
- 1,2,3-TCP was detected at concentrations exceeding the laboratory PQLs in air samples collected from the VEW monitoring port in April and September 2025 (Table 7).



Chart 1 depicts 1,2-DCP concentrations detected in the air samples collected from the MSW and VEW monitoring ports from May 2020 through September 2025 and shows the significant periods of MS/SVE system shut-downs (shaded in blue) that occurred due to planned evaluation shut-down periods or unforeseen mechanical malfunctions. Also shown is the MS/SVE system operating period (shaded in green) when the SVE portion of the system was operating without the sparge system. The sparge portion of the system was turned off on June 30, 2025 following Ecology approval (Ecology 2025b).

1,2-DCP concentrations detected in air samples collected from the MSW and VEW monitoring ports in December 2024 and April 2025 were similar. An increase in 1,2-DCP concentrations was detected in air samples collected from the MSW and VEW monitoring ports in September 2025. Concentrations of 1,2-DCP in air samples typically decrease upon continuous operation of the MS/SVE system (Farallon 2024b; 2021). The September 2025 samples were collected after the shut down in August 2025 and immediately following the system restart on September 5, 2025. The 1,2-DCP concentration trends observed over the past year are consistent with previous results.

The estimated mass of 1,2-DCP recovered by the MS/SVE system has been calculated since February 2016. The estimated mass of 1,2-DCP recovered by the MS/SVE system over the past year was approximately 0.056 pound. The estimated mass of 1,2-DCP recovered by the MS/SVE system between February 2016 and September 2025 was 0.376 pound (Table 8). A summary of the estimated mass of 1,2-DCP recovered by the MSW-series and the VEW-series SVE wells over the last 5 years is provided in Chart 2, which also depicts extended periods of MS/SVE system planned and unplanned shut-down periods (shaded in blue) and the period when the VEW portion of the MSW and VEW wells was operating (shaded in green).



5.0 GROUNDWATER COMPLIANCE MONITORING ANNUAL SUMMARY

This section presents a summary of the groundwater compliance monitoring results for the past year.

5.1 GROUNDWATER ELEVATION

Groundwater elevation measurements from the past year of monitoring are provided in Table 1. Groundwater elevation contour maps for the shallow monitoring well network were constructed using data collected during the two groundwater monitoring events conducted in March/April (Farallon 2025b) and September 2025 (Figures B1 and 4).

The groundwater flow direction at the Site is generally to the southeast with a flow direction to the south at the distal end of the groundwater plume near the West Canal. Groundwater elevations generally fluctuate seasonally due to irrigation activities conducted in the area, resulting in an increase in groundwater elevation during the spring and summer irrigation season, and a decrease in groundwater elevation during the fall and winter. Historically, the highest groundwater elevations in the shallow monitoring well network typically were measured during the third quarter monitoring event each year, and the lowest during the first quarter monitoring event. Groundwater measurements over the past several years have shown shifts in seasonal elevation trends in areas of the Site, as discussed below.

Over the past year, groundwater elevations in the shallow monitoring well network were generally the highest during the September 2025 monitoring event and lowest during the March/April 2025 monitoring event (Table 1; Chart 3). Surface water elevations measured in the West Canal over the past year were also slightly higher during the September 2025 monitoring event compared to March/April 2025. The surface water elevation in the West Canal influences the groundwater elevation, gradient, and flow direction in monitoring wells adjacent to the canal. When the surface water elevation in the West Canal is high, higher groundwater elevations usually are observed in adjacent monitoring wells and the groundwater flow direction in this area tends to be more to the south. When surface water elevation in the West Canal is low, lower groundwater elevations are observed with a flow direction generally more to the southeast. A steeper groundwater gradient generally is observed in monitoring wells adjacent to the West Canal when the surface water elevation in the West Canal is low (Table 1; Chart 3).

Surface water elevations were not able to be measured in the West Canal drainage ditch in September 2025 due to overgrown vegetation (see Section 2.1.1, Groundwater and Surface



Water Elevations). Historically, surface water elevations measured in the West Canal drainage ditch generally have been lower than groundwater elevations measured in monitoring wells adjacent to the West Canal drainage ditch during the June and September monitoring events at the Site, indicating that shallow groundwater discharges to the West Canal drainage ditch for approximately half of the year (Chart 3). The surface water elevation measured in the West Canal drainage ditch in March/April 2025 was higher than the groundwater elevations measured in monitoring wells MW-42 and MW-43 (Chart 3).

5.2 ANALYTICAL RESULTS

This section presents a summary of the groundwater compliance monitoring analytical results for this reporting year of monitoring at the Site.

5.2.1 Isoconcentration Contour Figures

Groundwater analytical results from the past year of monitoring at the Site are summarized in Table 2. The isoconcentration contours and groundwater analytical results for 1,2-DCP and 1,2,3-TCP in the shallow and the deep monitoring well networks for the April and September 2025 monitoring events are presented on Figures 5A through 8B and in Appendix B on Figures B2 through B9. For construction of the isoconcentration figures, monitoring wells not sampled as part of the semiannual monitoring program were assumed to contain no detectable concentrations of 1,2-DCP or 1,2,3-TCP based on historical sampling results.

A southeast-trending plume of dissolved-phase 1,2-DCP and 1,2,3-TCP is present at concentrations exceeding the Site cleanup level in groundwater at the Site. The overall plume geometry in the shallow and deep groundwater monitoring network for 2025 has remained consistent with historical data.

1,2-DCP and 1,2,3-TCP have not been detected at concentrations exceeding the Site cleanup level in groundwater samples collected from monitoring wells MW-39 and MW-44 over the past year of monitoring (Figures 7A, 7B, B6, and B7). These two monitoring wells represent the farthest down-gradient wells in the deep monitoring well network for the Site.

5.2.2 Cross Sections

Cross sections depicting 1,2-DCP distribution in groundwater in the shallow aquifer beneath the Site for the March/April and September 2025 monitoring events are presented on Figures 9A and 9B and in Appendix B on Figures B10 and B11. The cross sections were



constructed along the approximate center line of the 1,2-DCP and 1,2,3-TCP groundwater plume, with monitoring wells outside of the centerline projected to line A-A' on Figure 3 and shown on the cross sections for spatial reference. The cross sections generally show the highest concentrations of 1,2-DCP in deep groundwater down-gradient of the CHS Property in the central portion of the Site at monitoring well MW-48. The highest concentrations of 1,2,3-TCP have been detected in groundwater samples collected from monitoring well MW-24, in the central portion of the CHS Property.

5.2.3 Trend Analysis

A trend analysis of groundwater analytical results for 1,2-DCP and 1,2,3-TCP was completed for key monitoring wells using ProUCL statistical software (EPA 2022). The Mann-Kendall trend analysis was completed for analytical results from the last 6 years of monitoring at monitoring wells in the center of the plume at the source area on the CHS Property, mid-plume, and end of plume. The results are summarized on Table C1 and summary graphs are provided in Appendix C. The statistical analysis showed the following trends:

- Source Area – monitoring well MW-24 (shallow) shows a decreasing trend for 1,2-DCP and 1,2,3-TCP concentrations and MW-16 (deep) shows a decreasing trend for 1,2-DCP concentrations and stable (no trend) for 1,2,3-TCP concentrations.
- Mid-plume/Quincy Middle School – monitoring wells MW-20 and MW-26 (shallow) shows a decreasing or stable trend for 1,2-DCP and 1,2,3-TCP. Monitoring well MW-28 (shallow) shows an increase for 1,2-DCP and 1,2,3-TCP concentrations. However, the trend for monitoring well MW-28 (shallow) appears to be stable to decreasing when looking at the data for the past two years. Monitoring wells MW-25 and MW-31 (deep) showed a decreasing trend for 1,2-DCP and 1,2,3-TCP.
- End of plume/West Canal – monitoring wells MW-38 and MW-46 (shallow); and MW-44 (deep) showed a stable (no trend) for 1,2-DCP and 1,2,3-TCP concentrations.

The increase of 1,2-DCP concentrations observed from 2019 to 2023 at monitoring well MW-28 is likely due to downgradient migration of COCs from the CHS Property that were already outside of the area of influence of the MS/SVE system. 1,2-DCP concentrations immediately down-gradient of the CHS Property historically were two orders of magnitude higher in groundwater samples than what is currently detected (MW-6 and MW-7) and are outside of the area of influence of the MS/SVE system. As stated previously, the more recent data for the past two years is showing a return to a stable to decreasing trend.

Concentrations of 1,2-DCP and 1,2,3-TCP continue to fluctuate slightly within the plume area



with overall decreasing to stable concentration trends associated with historical source control measures and attenuation of the plume with time.



6.0 OPERATION AND MAINTENANCE ANNUAL SUMMARY

This section provides a summary of the O&M activities conducted for the MS/SVE system and monitoring wells at the Site over the past year and system optimization efforts.

6.1 SYSTEM OPTIMIZATION

As previously reported, system optimization measures were conducted between May and December 2024 in accordance with the Letter Regarding Proposed Compliance Groundwater Monitoring Modifications and MS/SVE System 2024 Optimization Plan (Farallon 2024a), approved by Ecology (2024) on April 26, 2024. The results of the optimization efforts were documented in the MS/SVE System Performance Evaluation (Farallon 2025c). The system performance evaluation was completed to determine whether the operation and optimization efforts conducted increased IHS mass removal and/or have resulted in improvements in groundwater quality that correlate directly to the MS/SVE system operation to shorten the overall cleanup restoration time.

The system optimization activities conducted between May and September 2024 were summarized in the MS/SVE System Performance Evaluation (Farallon 2025c). In December 2024, system optimization included making air flow adjustments to increase the vacuum to VEW wells VEW-1 through VEW-3 from 29.4 to 30.3 inches of water (IOW). In December 2024 MS/SVE system operations included:

- Operating VEW wells VEW-1 through VEW-9;
- Operating MSW wells MSW-1, MSW-2, and MSW-5 through MSW-12 with air flow set at 60 standard cubic feet per hour (scfh) in the lower portion the MSW wells and 5 scfh in the upper portion of the MSW wells; and
- Overall system vacuum was approximately 34.2 IOW, an increase from the previous measurements in September 24, 2024 of 30.5 IOW.

The MS/SVE System Performance Evaluation (Farallon 2025) concluded that while the MS/SVE system did continue to recover VOCs from the subsurface, the amount recovered remained minimal despite the optimization efforts with less than 0.34 pound of 1,2-DCP recovered over the previous 8 years of system operation. Groundwater quality in both shallow and deep monitoring wells in the area of influence of the MS/SVE system remained stable during the optimization efforts and only three monitoring wells in this area contain concentrations of 1,2-DCP and 1,2,3-TCP at concentrations exceeding the laboratory PQL. 1,2-DCP and 1,2,3-TCP concentrations in these wells did not show a short-term trend that



could be attributed to the optimization efforts and are consistent with concentrations detected prior to 2024. The MS/SVE system operation did not appear to be directly reducing groundwater concentrations that would shorten the overall cleanup restoration time frame.

CHS, following consultation with the Quincy School District, proposed to Ecology operating the SVE portion of the MS/SVE system with the MS components of the system turned off. This proposal was based on the groundwater data that support that MS is no longer effective at reducing contaminant concentrations in groundwater or increasing the mass of contaminants being extracted by the SVE system. The proposed operation of the SVE system included continuous operation of VEW wells VEW-1 through VEW-9 and the SVE portion of MSW wells MSW-1 through MSW-12, with SVE influent and effluent air samples collected semiannually to coincide with the semiannual groundwater monitoring events. Ecology (2025b) approved the MS/SVE system modifications to shut down the MS portion of the system on June 26, 2025 and the system was turned off by CHS on June 30, 2025.

The MS/SVE System Performance Evaluation (Farallon 2025) noted that selectively alternating operation of individual VEW or the SVE portion of MSW wells to enhance extraction of 1,2-DCP and 1,2,3-TCP to the extent practicable may be conducted to optimize system operation. As shown in Chart 1 and discussed in Section 4, Performance Air Monitoring Annual Summary, an increase in 1,2-DCP concentrations has generally been observed in air samples collected from the MSW and VEW monitoring ports upon restart of the MS/SVE system after shutdown periods. Alternating operation of portions of or the entire MS/SVE system may temporarily increase the MS/SVE system removal rates. Concentrations of 1,2-DCP in air samples typically decrease upon continuous operation of the MS/SVE system (Farallon 2021, 2024b).

6.2 MICROSPARGING/SOIL VAPOR EXTRACTION SYSTEM

O&M activities conducted on the MS/SVE system from December 2024 through September 2025 are summarized in this section.

The MS/SVE system was briefly turned off on December 9, 2024 and April 3, 2025 to conduct routine system maintenance on the remediation system compressor. The compressor vanes measured in December 2024 were within the operational parameters and were not replaced. The compressor vanes were measured in April 2025 and were replaced. Air filters were replaced and compressed air was used to blow dust from the vane enclosure in December 2024 and April 2025. The MS/SVE system compressor was turned off by CHS on June 30, 2025 following Ecology (2025b) approval.



On July 9, 2025, a tear was observed in the flexible piping between the carbon filtration and biofilter, which was repaired.

On September 5, 2025 after arriving on Site to conduct system O&M and collect air samples, the system vacuum blower was not operating. The vacuum blower was restarted on September 5, 2025.

Following O&M activities conducted between December 2024 and September 2025, airflow adjustments were made to the MS/SVE system. In December 2024 and April 2025, air flow to the upper portion of MSW wells MSW-1 through MSW-12 were set at 5 scfh and airflow to the deep portion of MSW wells MSW-1 through MSW-12 was set at 60 scfh. After the system compressor was shut down, air flow to the MSW wells was discontinued. The MS/SVE system operation currently includes operating the SVE components of MSW wells MSW-1 through MSW-12, and VEW wells VEW-1 through VEW-9. The MS/SVE system operational parameters in 2024 and 2025 are summarized on Table 9.

6.3 MONITORING WELLS

During the March/April and September 2025 monitoring events, monitoring wells were inspected for overall integrity; gasket seals were cleaned and inspected; and missing bolts, washers, and gasket seals were replaced, as needed. No major issue with the integrity of any monitoring wells were noted for 2025. Monitoring wells MW-34 and MW-35 will be decommissioned once access is granted by the property owner (Figure 3).



7.0 SECOND PERIODIC REVIEW

Ecology completed the Second PR for the Site in December 2022 (Ecology 2022).

Recommendations by Ecology in the Second PR for the Site included:

- Continue groundwater monitoring based on Ecology-approved frequency and sampling locations.
- Continue to optimize the MS/SVE system operations at the CHS Property as proposed and approved by Ecology in August 2021.
- Continue to optimize the vadose zone SVE operations at the CHS property, where possible. Collect soil gas samples from individual SVE wells to assess any potential elevated IHS areas. Modify existing SVE operations according to the approved plan to address SVE wells that show the highest IHS vapor concentrations.
- Sample the domestic water supply well southeast of the West Canal at least once every 5 years for Site IHSs.
- Record environmental covenants for all parcels within the Site.
- Prepare a comprehensive remediation performance evaluation as part of an annual report submitted a year prior to the next PR.

Samples from the domestic water supply well were collected in 2023 (Farallon 2023). Work to address some of the recommendations is on-going and progress toward completing the recommendations is provided in the following sections.

7.1 GROUNDWATER MONITORING FREQUENCY AND SCOPE

Modifications to the groundwater frequency and scope were proposed in the Letter Regarding Proposed Compliance Groundwater Monitoring Modifications and Microsparge/Soil Vapor Extraction System 2024 Optimization Plan (Farallon 2024a). The modifications were approved by Ecology (2024) on April 26, 2024.

Changes to the compliance groundwater sampling program for the Site consist of collecting groundwater samples semiannually for the next 5 years. This sampling frequency and scope will be subject to review at the conclusion of the 5-year monitoring and sampling period.

The semiannual compliance groundwater monitoring events are being conducted during the first and third quarters of each calendar year. The compliance groundwater monitoring schedule is provided in Table 4.



In lieu of quarterly reporting, semiannual reports are being prepared documenting the groundwater compliance monitoring events and MS/SVE system optimization results. Each report is completed following receipt and validation of the laboratory analytical results for each semiannual groundwater sampling event. The reports will continue to be prepared and submitted in general accordance with the schedule in the Consent Decree.

7.2 OPTIMIZE MS/SVE SYSTEM

System optimization measures were conducted between May and December 2024 in accordance with the Letter Regarding Proposed Compliance Groundwater Monitoring Modifications and MS/SVE System 2024 Optimization Plan (Farallon 2024a), approved by Ecology (2024) on April 26, 2024. The results of the optimization efforts were documented in the MS/SVE System Performance Evaluation (Farallon 2025c) and in Section 5.1, System Optimization.

The MS/SVE system is currently operating with sparge portion of the system turned off. This mode of operation will continue and be reviewed at the next periodic review.

7.3 ENVIRONMENTAL COVENANTS

CHS has been working to record environmental covenants for parcels within the Site that do not currently have environmental covenants. The Environmental Covenant for Grant County Parcel No. 040376001 was recorded February 10, 2025. CHS is currently working with Ecology, the Attorney General's Office and the property owner for Grant County Parcel No. 040376001 to record an environmental covenant. Once the environmental covenant for Grant Parcel No. 040376001 has been recorded, the parcels identified by Ecology will have environmental covenants recorded.

7.4 PLANNED WORK

Work planned for the Site for the next year will include preparation of a remediation performance evaluation as part of the 2026 Annual Report in accordance with the recommendations presented in the Second PR.



8.0 CONCLUSIONS

1,2-DCP and 1,2,3-TCP continue to be detected at concentrations exceeding Site cleanup levels in groundwater samples collected from Site monitoring wells during the past year of groundwater monitoring, which is consistent with previous sampling results. The geometry of the plumes, including the lateral and vertical distribution, has remained relatively stable since groundwater sampling began in the late 1990s. The down-gradient and lateral extent of 1,2,3-TCP in groundwater at the Site has remained less widespread than that of 1,2-DCP. Groundwater conditions, including the flow direction, and groundwater quality through the distribution of the plumes are well understood due to the extensive data collected and analyzed over the past 20 plus years of groundwater monitoring. Trend analysis of 1,2-DCP and 1,2,3-TCP indicates that overall concentrations are generally decreasing or stable within the plume area with the slow rate of attenuation expected to continue. The next semiannual groundwater compliance monitoring event is scheduled for March/April 2026.

1,2-DCP and 1,2,3-TCP were detected at concentrations exceeding the laboratory PQL in SVE effluent air samples collected from the MSW and VEW monitoring ports over the past year of MS/SVE system operation. The estimated mass of 1,2-DCP recovered by the MS/SVE system since February 2016 is 0.362 pound. The source of 1,2-DCP detected in SVE influent air samples is likely residual soil gas in the vadose zone soil and VOCs in groundwater. The SVE components of the system will continue to operate for the immediate future and be evaluated again during the next periodic review.



9.0 REFERENCES

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- . 2024b. *2024 Annual Report, Remedial Action Performance and Groundwater Compliance Monitoring, Cenex Harvest States Cooperatives Site, 300 Division Street East, Quincy, Washington*. Prepared for CHS Inc. December 6.
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- . 2025b. Letter Regarding March 2025 Remedial Action Performance and Groundwater Compliance Monitoring, Cenex Harvest States Cooperatives Site,



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10.0 LIMITATIONS

10.1 GENERAL LIMITATIONS

The conclusions contained in this report/assessment are based on professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location. The conclusions contained herein are subject to the following inherent limitations:

- **Accuracy of Information.** Farallon obtained, reviewed, and evaluated certain information used in this report/assessment from sources that were believed to be reliable. Farallon's conclusions, opinions, and recommendations are based in part on such information. Farallon's services did not include verification of its accuracy or authenticity. Should the information upon which Farallon relied prove to be inaccurate or unreliable, Farallon reserves the right to amend or revise its conclusions, opinions, and/or recommendations.
- **Reconnaissance and/or Characterization.** Farallon performed a reconnaissance and/or characterization of the Site that is the subject of this report/assessment to document current conditions. Farallon focused on areas deemed more likely to exhibit hazardous materials conditions. Contamination may exist in other areas of the Site that were not investigated or were inaccessible. Site activities beyond Farallon's control could change at any time after the completion of this report/assessment.

For the foregoing reasons, Farallon cannot and does not warrant or guarantee that the Site is free of hazardous or potentially hazardous substances or conditions, or that latent or undiscovered conditions will not become evident in the future. Farallon's observations, findings, and opinions can be considered valid only as of the date of the report.

This report/assessment has been prepared in accordance with the contract for services between Farallon and CHS, and currently accepted industry standards. No other warranties, representations, or certifications are made.

10.2 LIMITATION ON RELIANCE BY THIRD PARTIES

Reliance by third parties is prohibited. This report/assessment has been prepared for the exclusive use of CHS to address the unique needs of CHS at the Site at a specific point in time.

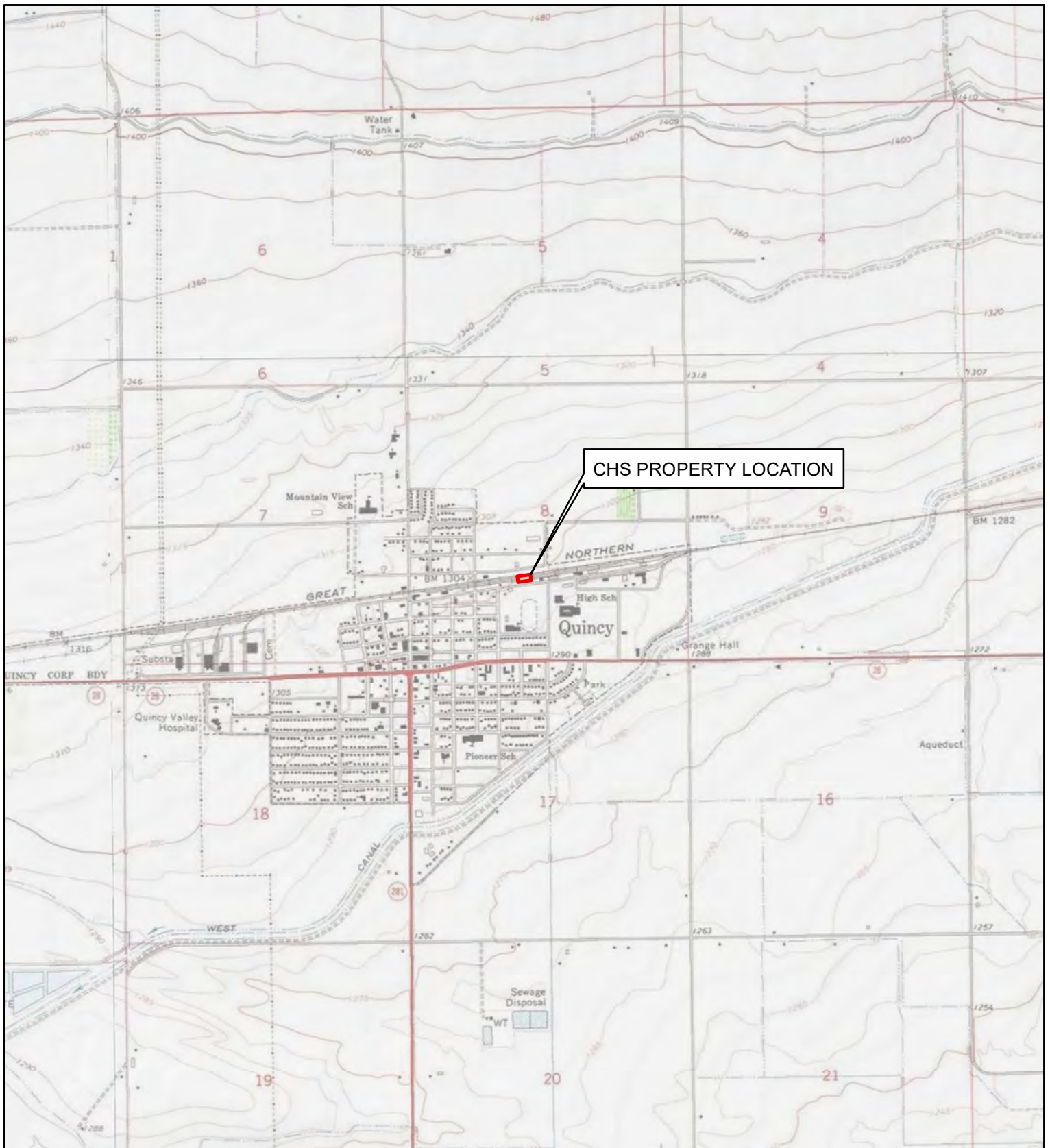


This is not a general grant of reliance. No one other than CHS may rely on this report unless Farallon agrees in advance to such reliance in writing. Any unauthorized use, interpretation, or reliance on this report/assessment is at the sole risk of that party and Farallon will have no liability for such unauthorized use, interpretation, or reliance.

FIGURES

2025 ANNUAL REPORT
Cenex Harvest States Cooperatives Site
300 Division Street
Quincy, Washington

Farallon PN: 301-001



REFERENCE: 7.5 MINUTE USGS QUADRANGLE QUINCY, WASHINGTON, DATED 2013



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Date: 11/21/2025

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FIGURE 1

PROPERTY VICINITY MAP
CENEX HARVEST STATES
COOPERATIVES SITE
QUINCY, WASHINGTON
FARALLON PN: 301-001



LEGEND

- AIR SPARGE WELL
- MICROSPARGE WELL
- VAPOR EXTRACTION WELL
- MONITORING WELL (SHALLOW)
- MONITORING WELL (DEEP)
- AIR SPARGE WELL PIPING
- MICROSPARGE EXTRACTION WELL PIPING
- VAPOR EXTRACTION WELL PIPING
- CURRENT SITE FEATURE
- FORMER SITE FEATURE
- GRANT COUNTY PARCEL BOUNDARY
- CHS PROPERTY BOUNDARY

0 25

SCALE IN FEET

1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR.
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FIGURE 2

CHS PROPERTY PLAN
CENEX HARVEST STATES COOPERATIVES SITE
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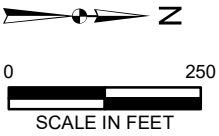
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LEGEND

- MONITORING WELL (SHALLOW)
- MONITORING WELL (DEEP)
- WEST CANAL SURVEYED MEASURING POINT
- WEST CANAL DRAINAGE DITCH SURVEYED MEASURING POINT
- DOMESTIC WELL
- WEST CANAL/DRAINAGE DITCH FLOW DIRECTION
- WEST CANAL DRAINAGE DITCH CULVERT
- CHS PROPERTY BOUNDARY
- WEST CANAL DRAINAGE DITCH
- LINE OF CROSS-SECTION



1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR.
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FIGURE 3

CHS PROPERTY AND DOWN-GRADIENT
MONITORING WELL NETWORK
CENEX HARVEST STATES COOPERATIVES SITE
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LEGEND

- MONITORING WELL (SHALLOW)
- WEST CANAL SURVEYED MEASURING POINT
- WEST CANAL DRAINAGE DITCH SURVEYED MEASURING POINT
- DOMESTIC WELL
- WEST CANAL/DRAINAGE DITCH FLOW DIRECTION
- CULVERT
- CHS PROPERTY BOUNDARY
- GRANT COUNTY PARCEL BOUNDARY
- WEST CANAL DRAINAGE DITCH

GROUNDWATER ELEVATION
MEASURED IN FEET RELATIVE TO
NORTH AMERICAN VERTICAL DATUM 1988

[1,286.58] SURFACE WATER ELEVATION

NM GROUNDWATER ELEVATION NOT MEASURED

GROUNDWATER ELEVATION CONTOUR
(DASHED WHERE INFERRED)

APPROXIMATE DIRECTION OF
SHALLOW GROUNDWATER FLOW

0 250
SCALE IN FEET

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FIGURE 4

GROUNDWATER ELEVATION CONTOUR MAP,
SEPTEMBER 8, 2025
CENEX HARVEST STATES COOPERATIVES SITE
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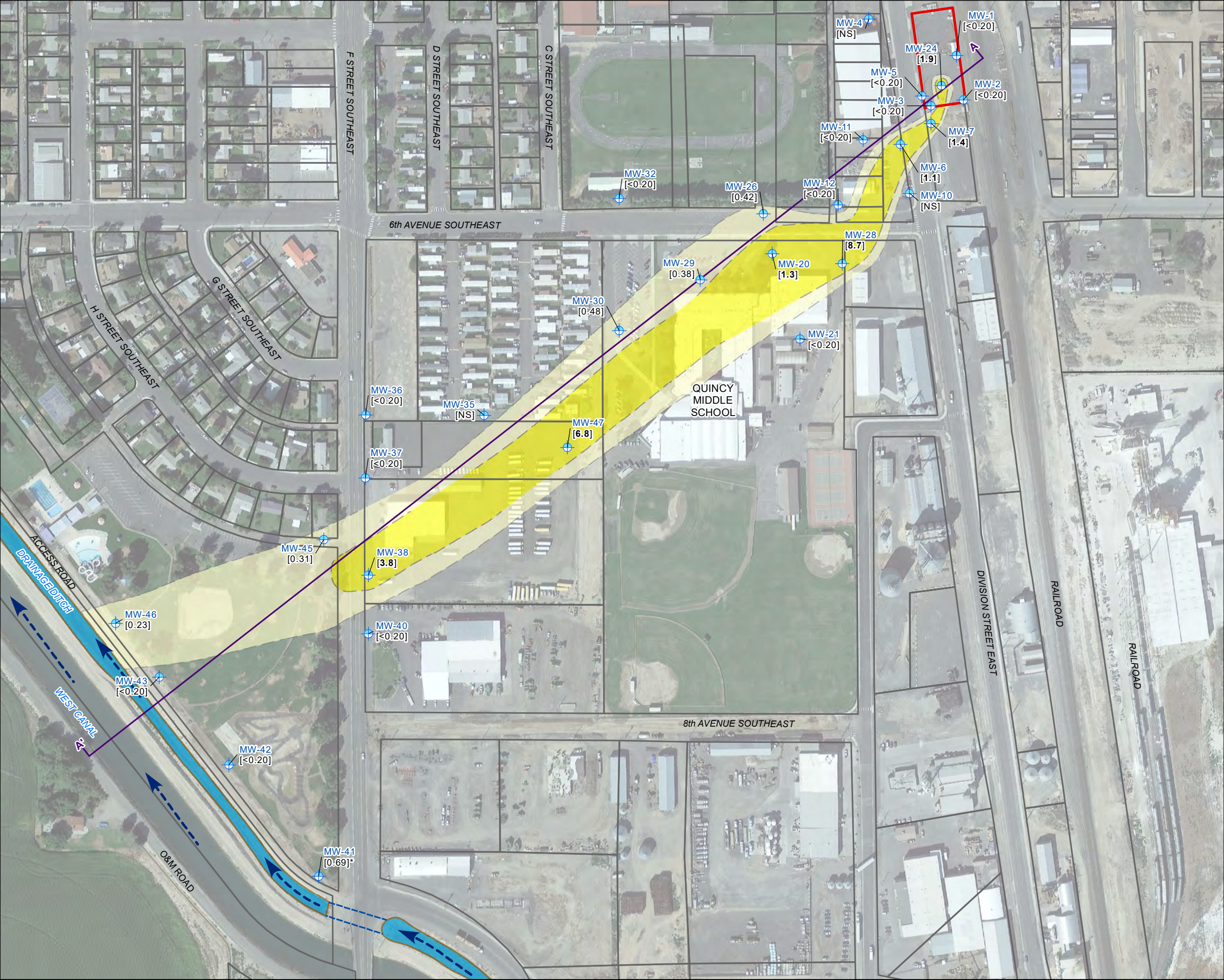
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- LEGEND**
- MONITORING WELL (SHALLOW)
 - WEST CANAL/DRAINAGE DITCH FLOW DIRECTION
 - WEST CANAL DRAINAGE DITCH CULVERT
 - CHS PROPERTY BOUNDARY
 - WEST CANAL DRAINAGE DITCH

A A' LINE OF CROSS-SECTION

[0.42] = CONCENTRATIONS OF 1,2-DICHLOROPROPANE (1,2-DCP) IN MICROGRAMS PER LITER (ug/l)

BOLD = INDICATES SAMPLE OR REPORTING LIMIT EXCEED SITE CLEANUP LEVEL OF 1 ug/l

< = INDICATES NOT DETECTED AT OR ABOVE REPORTING LIMIT LISTED

* = RESULT NOT USED FOR ISOCONCENTRATION CONTOURS

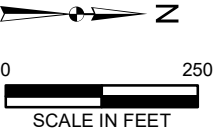
NS = WELL NOT SAMPLED

— — — ESTIMATED LIMITS OF 1,2-DCP ARE DASHED WHERE INFERRED

1,2-DCP CONCENTRATION IN ug/l

0.20 - 0.99

1.0 - 9.9



1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR.
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FIGURE 5A

ISOCONCENTRATION CONTOURS AND GROUNDWATER ANALYTICAL RESULTS FOR 1,2-DCP
IN SHALLOW MONITORING WELLS - SEPTEMBER 2025
CENEX HARVEST STATES COOPERATIVES SITE
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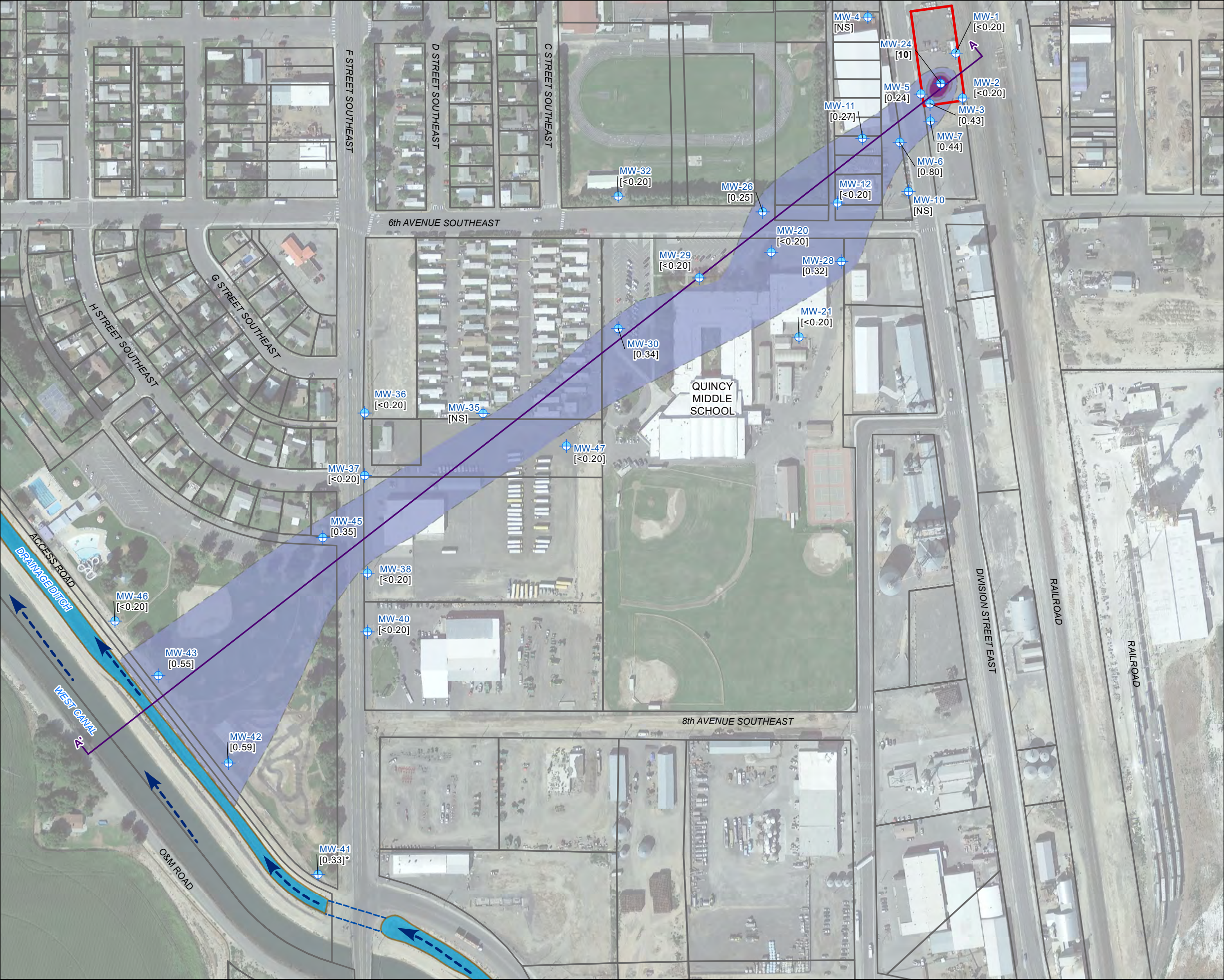
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- LEGEND**
- MONITORING WELL (SHALLOW)
 - WEST CANAL/DRAINAGE DITCH FLOW DIRECTION
 - WEST CANAL DRAINAGE DITCH CULVERT
 - CHS PROPERTY BOUNDARY
 - WEST CANAL DRAINAGE DITCH

A A' LINE OF CROSS-SECTION

[0.44] = CONCENTRATIONS OF 1,2,3-TRICHLOROPROPANE (1,2,3-TCP) IN MICROGRAMS PER LITER (µg/l)

BOLD = INDICATES SAMPLE OR REPORTING LIMIT EXCEED SITE CLEANUP LEVEL OF 1 µg/l

< = INDICATES NOT DETECTED AT OR ABOVE REPORTING LIMIT LISTED

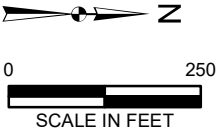
* = RESULT NOT USED FOR ISOCONCENTRATION CONTOURS

NS = WELL NOT SAMPLED

ESTIMATED LIMITS OF 1,2,3-TCP ARE DASHED WHERE INFERRED

1,2,3-TCP CONCENTRATION IN µg/l

- 0.20 - 0.99
- 1.0 - 9.9
- 10 - 25



1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR.
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FIGURE 5B

ISOCONCENTRATION CONTOURS AND GROUNDWATER ANALYTICAL RESULTS FOR 1,2,3-TCP IN SHALLOW MONITORING WELLS - SEPTEMBER 2025
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LEGEND

MONITORING WELL (SHALLOW)

CURRENT SITE FEATURE

FORMER SITE FEATURE

CHS PROPERTY BOUNDARY

[1.4] =CONCENTRATIONS OF
1,2-DICHLOROPROPANE (1,2-DCP)
IN MICROGRAMS PER LITER (ug/l)

BOLD =INDICATES SAMPLE OR REPORTING LIMIT
EXCEED SITE CLEANUP LEVEL OF 1 ug/l

< =INDICATES NOT DETECTED AT OR
ABOVE REPORTING LIMIT LISTED

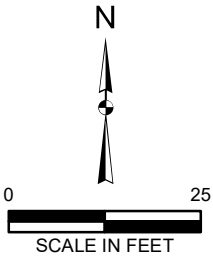
NS =WELL NOT SAMPLED

ESTIMATED LIMITS OF 1,2-DCP
ARE DASHED WHERE INFERRED

1,2-DCP CONCENTRATION IN ug/l

0.20 - 0.99

1.0 - 9.9



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FIGURE 6A
ISOCONCENTRATION CONTOURS AND
GROUNDWATER ANALYTICAL RESULTS
FOR 1,2-DCP
IN SHALLOW MONITORING WELLS IN SOURCE AREA -
SEPTEMBER 2025
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LEGEND

- MONITORING WELL (SHALLOW)
- CURRENT SITE FEATURE
- FORMER SITE FEATURE
- CHS PROPERTY BOUNDARY

[0.48] =CONCENTRATIONS OF 1,2,3-TRICHLOROPROPANE (1,2,3-TCP) IN MICROGRAMS PER LITER (µg/l)

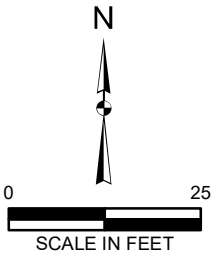
BOLD =INDICATES SAMPLE OR REPORTING LIMIT EXCEED SITE CLEANUP LEVEL OF 1 µg/l

< =INDICATES NOT DETECTED AT OR ABOVE REPORTING LIMIT LISTED

--- ESTIMATED LIMITS OF 1,2,3-TCP ARE DASHED WHERE INFERRED

1,2,3-TCP CONCENTRATION IN µg/l

- 0.20 - 0.99
- 1.0 - 9.9
- 10 - 25



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FIGURE 6B
ISOCONCENTRATION CONTOURS AND GROUNDWATER ANALYTICAL RESULTS FOR 1,2,3-TCP IN SHALLOW MONITORING WELLS IN SOURCE AREA - SEPTEMBER 2025
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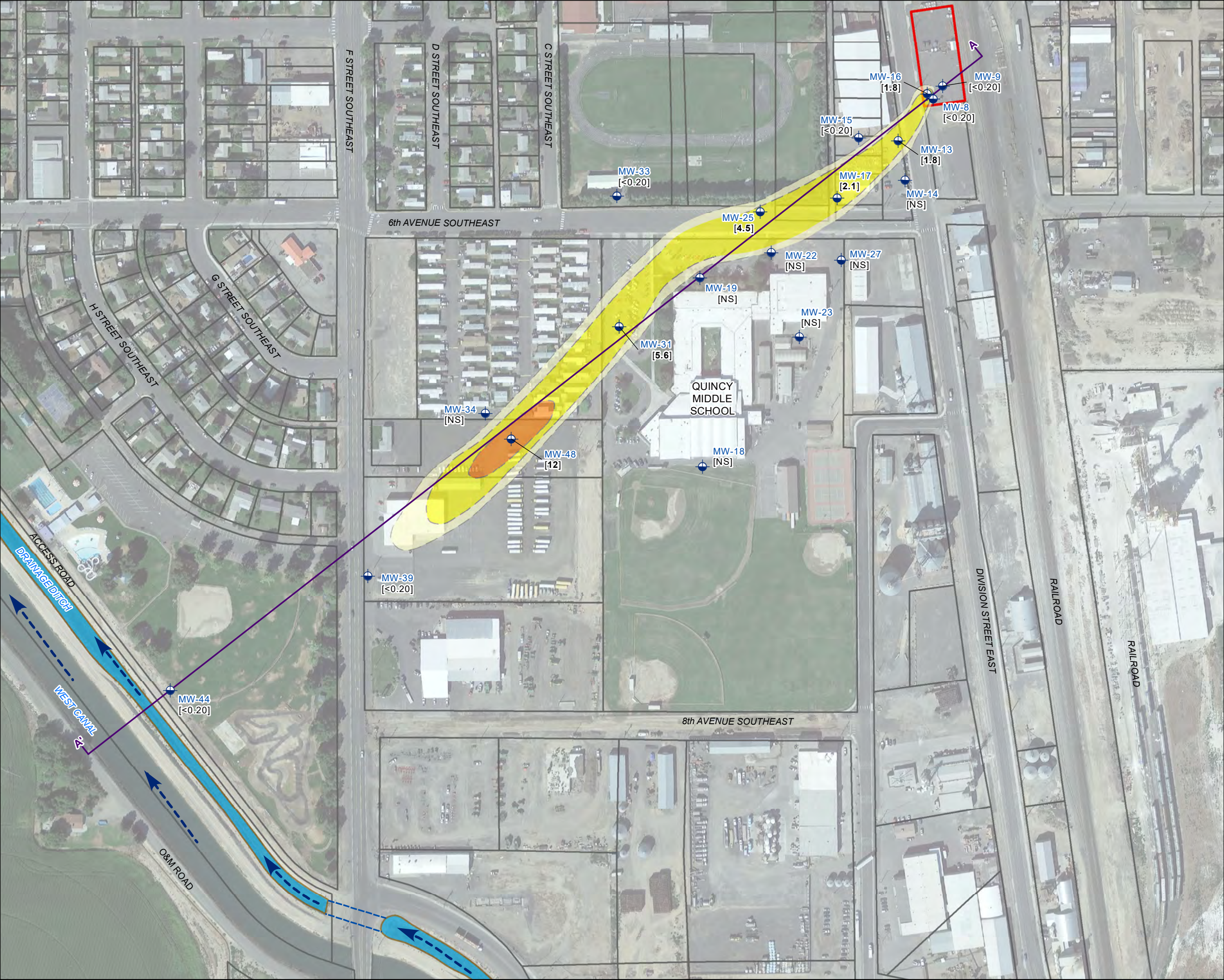
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- LEGEND**
- MONITORING WELL (DEEP)
 - WEST CANAL/DRAINAGE DITCH FLOW DIRECTION
 - WEST CANAL DRAINAGE DITCH CULVERT
 - CHS PROPERTY BOUNDARY
 - WEST CANAL DRAINAGE DITCH
 - LINE OF CROSS-SECTION

[1.8] = CONCENTRATIONS OF 1,2-DICHLOROPROPANE (1,2-DCP) IN MICROGRAMS PER LITER (µg/l)

BOLD = INDICATES SAMPLE OR REPORTING LIMIT EXCEED SITE CLEANUP LEVEL OF 1 µg/l

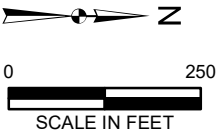
< = INDICATES NOT DETECTED AT OR ABOVE REPORTING LIMIT LISTED

NS = WELL NOT SAMPLED

— — — ESTIMATED LIMITS OF 1,2-DCP ARE DASHED WHERE INFERRED

1,2-DCP CONCENTRATION IN µg/l

- 0.20 - 0.99
- 1.0 - 9.9
- 10.0 - 25.0



1. ALL LOCATIONS ARE APPROXIMATE.
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FIGURE 7A

ISOCONCENTRATION CONTOURS AND GROUNDWATER ANALYTICAL RESULTS FOR 1,2-DCP
IN DEEP MONITORING WELLS - SEPTEMBER 2025
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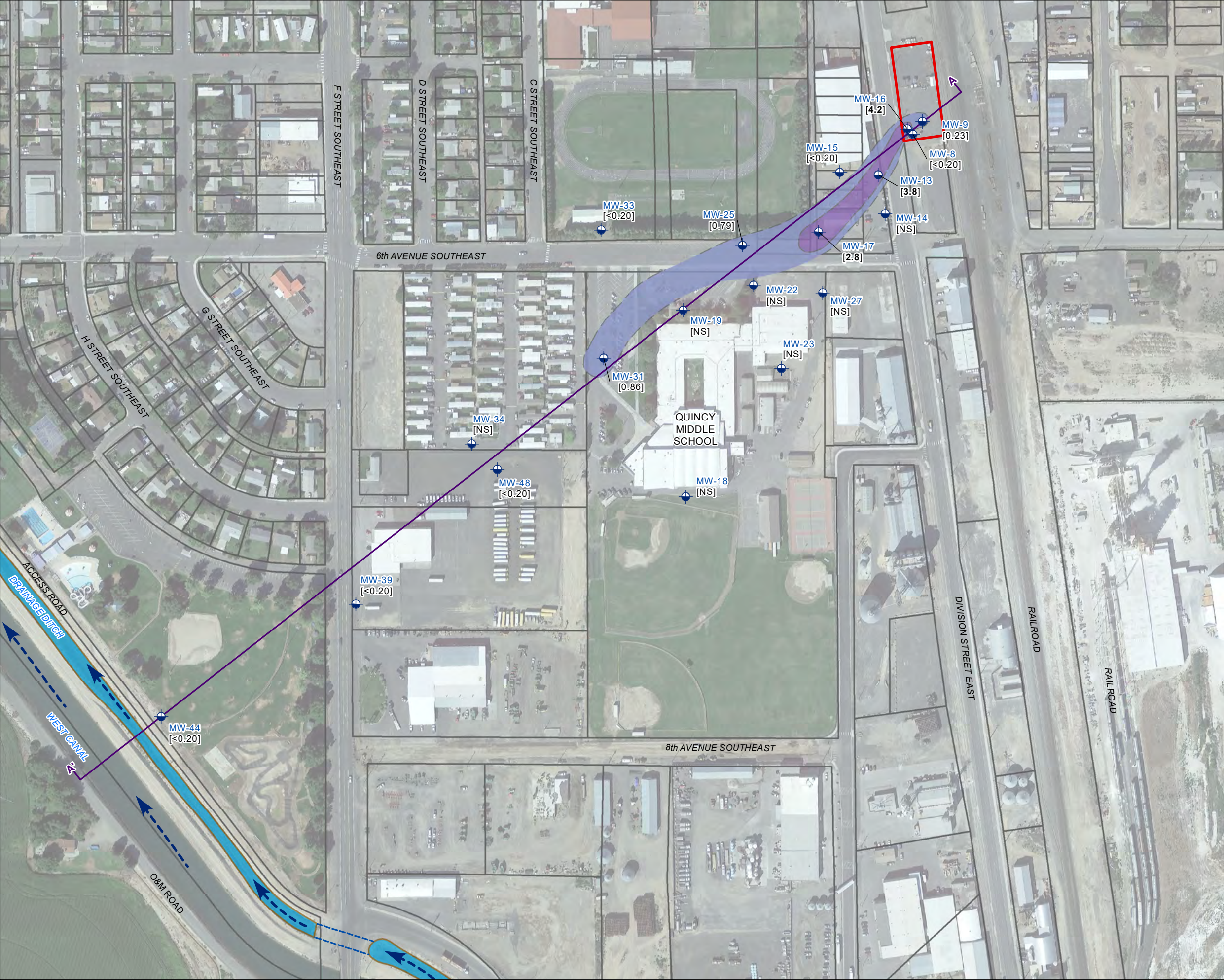
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- LEGEND**
- MONITORING WELL (DEEP)
 - WEST CANAL/DRAINAGE DITCH FLOW DIRECTION
 - WEST CANAL DRAINAGE DITCH CULVERT
 - CHS PROPERTY BOUNDARY
 - WEST CANAL DRAINAGE DITCH
 - LINE OF CROSS-SECTION

[0.79] = CONCENTRATIONS OF 1,2,3-TRICHLOROPROPANE (1,2,3-TCP) IN MICROGRAMS PER LITER (µg/l)

BOLD = INDICATES SAMPLE OR REPORTING LIMIT EXCEED SITE CLEANUP LEVEL OF 1 µg/l

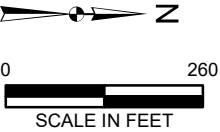
< = INDICATES NOT DETECTED AT OR ABOVE REPORTING LIMIT LISTED

NS = WELL NOT SAMPLED

--- ESTIMATED LIMITS OF 1,2,3-TCP ARE DASHED WHERE INFERRED

1,2,3-TCP CONCENTRATION IN µg/l

- 0.20 - 0.99
- 1.0 - 9.9



1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR.
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FIGURE 7B

ISOCONCENTRATION CONTOURS AND GROUNDWATER ANALYTICAL RESULTS FOR 1,2,3-TCP IN DEEP MONITORING WELLS - SEPTEMBER 2025
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LEGEND

- MONITORING WELL (DEEP)
- CURRENT SITE FEATURE
- FORMER SITE FEATURE
- CHS PROPERTY BOUNDARY

CONCENTRATIONS OF
[1.8] = 1,2-DICHLOROPROPANE (1,2-DCP)
IN MICROGRAMS PER LITER (µg/l)

< = INDICATES NOT DETECTED AT OR
ABOVE REPORTING LIMIT LISTED

ESTIMATED LIMITS OF 1,2-DCP
ARE DASHED WHERE INFERRED

1,2-DCP CONCENTRATION IN µg/l

0.20 - 0.99

1.0 - 9.9

N

0 25

SCALE IN FEET

1. ALL LOCATIONS ARE APPROXIMATE.
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FIGURE 8A

ISOCONCENTRATION CONTOURS AND
GROUNDWATER ANALYTICAL RESULTS
FOR 1,2-DCP
IN DEEP MONITORING WELLS IN SOURCE AREA
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LEGEND

- MONITORING WELL (DEEP)
- CURRENT SITE FEATURE
- FORMER SITE FEATURE
- CHS PROPERTY BOUNDARY

[0.23] = CONCENTRATIONS OF 1,2,3-TRICHLOROPROPANE (1,2,3-TCP) IN MICROGRAMS PER LITER (µg/l)

BOLD = INDICATES SAMPLE OR REPORTING LIMIT EXCEED SITE CLEANUP LEVEL OF 1 µg/l

< = INDICATES NOT DETECTED AT OR ABOVE REPORTING LIMIT LISTED

NS = NOT SAMPLED

ESTIMATED LIMITS OF 1,2,3-TCP ARE DASHED WHERE INFERRED

1,2,3-TCP CONCENTRATION IN µg/l

- 0.20 - 0.99
- 1.0 - 9.9

N

0 25

SCALE IN FEET

1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR.
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FIGURE 8B

ISOCONCENTRATION CONTOURS AND GROUNDWATER ANALYTICAL RESULTS FOR 1,2,3-TCP IN DEEP MONITORING WELLS IN SOURCE AREA - SEPTEMBER 2025

CENEX HARVEST STATES COOPERATIVES SITE QUINCY, WASHINGTON

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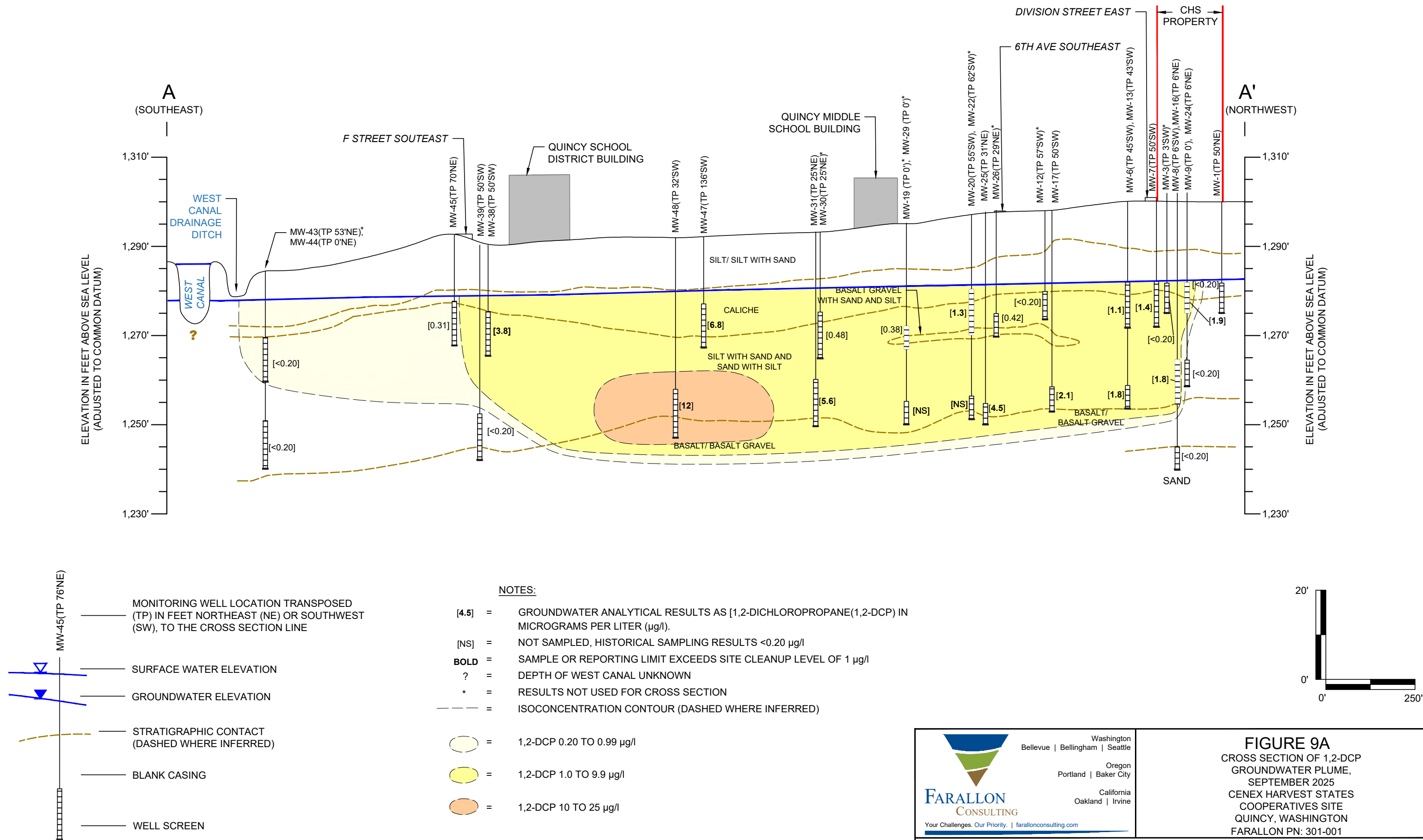
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TABLES

2025 ANNUAL REPORT
Cenex Harvest States Cooperatives Site
300 Division Street
Quincy, Washington

Farallon PN: 301-001

Table 1
Groundwater and Surface Water Elevation Data
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well or Measuring Point Identification (total depth in feet) ¹	Screened Interval (feet) ²	Sample Date	Elevation Top of Well Casing or Measuring Point (feet) ³	Depth to Water (feet) ¹	Groundwater or Surface Water Elevation (feet) ³
MW-1 (shallow) (26.31)	20-25	4/1/2024	1,303.29	21.89	1,281.40
		9/16/2024		NM	NM
		3/31/2025		NM	NM
		9/8/2025		20.75	1,282.54
MW-2 (shallow) (26.00)	20-25	4/1/2024	1,303.46	22.30	1,281.16
		9/16/2024		NM	NM
		3/31/2025		NM	NM
		9/8/2025		21.13	1,282.33
MW-3 (shallow) (27.14)	20-25	4/1/2024	1,302.76	21.66	1,281.10
		9/16/2024		20.02	1,282.74
		3/31/2025		21.40	1,281.36
		9/8/2025		20.47	1,282.29
MW-5 (shallow) (24.38)	20-25	4/1/2024	1,299.53	18.32	1,281.21
		9/16/2024		17.92	1,281.61
		3/31/2025		18.15	1,281.38
		9/8/2025		17.21	1,282.32
MW-6 (shallow) (24.36)	20-25	4/1/2024	1,299.75	19.01	1,280.74
		9/16/2024		18.50	1,281.25
		3/31/2025		19.00	1,280.75
		9/8/2025		17.75	1,282.00
MW-7 (shallow) (23.92)	20-25	4/1/2024	1,299.76	18.73	1,281.03
		9/16/2024		18.25	1,281.51
		3/31/2025		18.56	1,281.20
		9/8/2025		17.53	1,282.23
MW-8 (deep) (60.31)	55-60	4/1/2024	1,303.82	23.71	1,280.11
		9/16/2024		NM	NM
		3/31/2025		NM	NM
		9/8/2025		21.55	1,282.27
MW-9 (deep) (42.70)	35-40	4/1/2024	1,302.83	21.55	1,281.28
		9/16/2024		NM	NM
		3/31/2025		NM	NM
		9/8/2025		20.45	1,282.38
MW-11 (shallow) (25.29)	20-25	4/1/2024	1,300.97	20.35	1,280.62
		9/16/2024		NM	NM
		3/31/2025		NM	NM
		9/8/2025		19.02	1,281.95
MW-12 (shallow) (24.71)	20-25	4/1/2024	1,297.41	17.36	1,280.05
		9/16/2024		NM	NM
		3/31/2025		NM	NM
		9/8/2025		15.86	1,281.55

Table 1
Groundwater and Surface Water Elevation Data
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well or Measuring Point Identification (total depth in feet) ¹	Screened Interval (feet) ²	Sample Date	Elevation Top of Well Casing or Measuring Point (feet) ³	Depth to Water (feet) ¹	Groundwater or Surface Water Elevation (feet) ³
MW-13 (deep) (44.85)	40-45	4/1/2024	1,299.34	18.18	1,281.16
		9/16/2024		18.10	1,281.24
		3/31/2025		18.62	1,280.72
		9/8/2025		17.39	1,281.95
MW-15 (deep) (43.20)	35-45	4/1/2024	1,300.71	20.41	1,280.30
		9/16/2024		NM	NM
		3/31/2025		NM	NM
		9/8/2025		18.96	1,281.75
MW-16 (deep) (45.20)	35-45	4/1/2024	1,300.08	19.86	1,280.22
		9/16/2024		18.52	1,281.56
		3/31/2025		19.64	1,280.44
		9/8/2025		17.75	1,282.33
MW-17 (deep) (45.18)	35-45	4/1/2024	1,297.55	17.50	1,280.05
		9/16/2024		16.64	1,280.91
		3/31/2025		17.50	1,280.05
		9/8/2025		15.96	1,281.59
MW-20 (shallow) (26.80)	17-27	4/1/2024	1,296.97	17.50	1,279.47
		9/16/2024		16.32	1,280.65
		3/31/2025		17.48	1,279.49
		9/8/2025		15.73	1,281.24
MW-21 (shallow) (25.15)	22-27	4/1/2024	1,296.28	16.77	1,279.51
		9/16/2024		NM	NM
		3/31/2025		NM	NM
		9/8/2025		14.95	1,281.33
MW-24 (shallow) (23.84)	19-24 ⁴	4/1/2024	1,300.59	19.40	1,281.19
		9/16/2024		18.81	1,281.78
		3/31/2025		18.92	1,281.67
		9/8/2025		18.22	1,282.37
MW-25 (deep) (47.40)	43-48	4/1/2024	1,297.31	17.91	1,279.40
		9/16/2024		16.76	1,280.55
		3/31/2025		17.90	1,279.41
		9/8/2025		16.15	1,281.16
MW-26 (shallow) (26.75)	23-28	4/1/2024	1,297.19	17.71	1,279.48
		9/16/2024		16.55	1,280.64
		3/31/2025		17.73	1,279.46
		9/8/2025		15.95	1,281.24
MW-28 (shallow) (27.17)	18-28	4/1/2024	1,296.32	16.40	1,279.92
		9/16/2024		15.48	1,280.84
		3/31/2025		16.38	1,279.94
		9/8/2025		14.83	1,281.49

Table 1
Groundwater and Surface Water Elevation Data
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well or Measuring Point Identification (total depth in feet) ¹	Screened Interval (feet) ²	Sample Date	Elevation Top of Well Casing or Measuring Point (feet) ³	Depth to Water (feet) ¹	Groundwater or Surface Water Elevation (feet) ³
MW-29 (shallow) (26.87)	23-28	4/1/2024	1,295.98	16.81	1,279.17
		9/16/2024		15.41	1,280.57
		3/31/2025		16.78	1,279.20
		9/8/2025		14.87	1,281.11
MW-30 (shallow) (27.66)	18-28	4/1/2024	1,293.71	15.07	1,278.64
		9/16/2024		13.52	1,280.19
		3/31/2025		15.04	1,278.67
		9/8/2025		13.02	1,280.69
MW-31 (deep) (43.26)	33-43	4/1/2024	1,293.72	14.90	1,278.82
		9/16/2024		13.33	1,280.39
		3/31/2025		14.80	1,278.92
		9/8/2025		12.85	1,280.87
MW-32 (shallow) (26.28)	17-27	4/1/2024	1,296.46	17.51	1,278.95
		9/16/2024		NM	NM
		3/31/2025		NM	NM
		9/8/2025		15.52	1,280.94
MW-33 (deep) (41.80)	32.5-42.5	4/1/2024	1,296.50	17.50	1,279.00
		9/16/2024		NM	NM
		3/31/2025		NM	NM
		9/8/2025		15.50	1,281.00
MW-34 (deep) (43.20)	34-44	4/1/2024	1,292.18	14.41	1,277.77
		9/16/2024		NM	NM
		3/31/2025		NM	NM
		9/8/2025		NM	NM
MW-35 (shallow) (24.72)	15-25	4/1/2024	1,292.33	14.59	1,277.74
		9/16/2024		NM	NM
		3/31/2025		NM	NM
		9/8/2025		NM	NM
MW-36 (shallow) (24.67)	15-25	4/1/2024	1,291.31	14.39	1,276.92
		9/16/2024		12.45	1,278.86
		3/31/2025		14.38	1,276.93
		9/8/2025		12.13	1,279.18
MW-37 (shallow) (24.54)	15-25	4/1/2024	1,290.70	14.02	1,276.68
		9/16/2024		NM	NM
		3/31/2025		NM	NM
		9/8/2025		11.65	1,279.05
MW-38 (shallow) (24.51)	15-25	4/1/2024	1,290.30	14.20	1,276.10
		9/16/2024		12.00	1,278.30
		3/31/2025		14.29	1,276.01
		9/8/2025		11.75	1,278.55

Table 1
Groundwater and Surface Water Elevation Data
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well or Measuring Point Identification (total depth in feet) ¹	Screened Interval (feet) ²	Sample Date	Elevation Top of Well Casing or Measuring Point (feet) ³	Depth to Water (feet) ¹	Groundwater or Surface Water Elevation (feet) ³
MW-39 (deep) (47.42)	37-47	4/1/2024	1,290.34	13.94	1,276.40
		9/16/2024		11.74	1,278.60
		3/31/2025		14.04	1,276.30
		9/8/2025		11.52	1,278.82
MW-40 (shallow) (25.18)	15-25	4/1/2024	1,289.95	13.71	1,276.24
		9/16/2024		NM	NM
		3/31/2025		NM	NM
		9/8/2025		11.2	1,278.75
MW-41 (shallow) (25.27)	15-25	4/1/2024	1,286.25	11.67	1,274.58
		9/16/2024		NM	NM
		3/31/2025		NM	NM
		9/8/2025		7.56	1,278.69
MW-42 (shallow) (25.17)	15-25	4/1/2024	1,285.38	10.21	1,275.17
		9/16/2024		7.70	1,277.68
		3/31/2025		10.82	1,274.56
		9/10/2025		7.65	1,277.73
MW-43 (shallow) (24.99)	15-25	4/1/2024	1,286.11	11.69	1,274.42
		9/16/2024		9.00	1,277.11
		3/31/2025		11.67	1,274.44
		9/8/2025		9.02	1,277.09
MW-44 (deep) (44.93)	35-45	4/1/2024	1,285.39	11.14	1,274.25
		9/16/2024		8.51	1,276.88
		3/31/2025		11.15	1,274.24
		9/8/2025		8.50	1,276.89
MW-45 (shallow) (24.94)	15-25	4/1/2024	1,293.21	17.43	1,275.78
		9/16/2024		15.07	1,278.14
		3/31/2025		17.45	1,275.76
		9/8/2025		14.92	1,278.29
MW-46 (shallow) (25.09)	15-25	4/1/2024	1,285.99	12.67	1,273.32
		9/16/2024		9.87	1,276.12
		3/31/2025		12.69	1,273.30
		9/8/2025		9.78	1,276.21
MW-47 (shallow) (25.44)	15-25	3/31/2025	1,291.94	13.76	1,278.18
		9/8/2025		11.64	1,280.30
MW-48 (deep) (45.76)	35-45	3/31/2025	1,292.41	14.42	1,277.99
		9/8/2025		12.34	1,280.07
West Canal	NA	4/1/2024	1,295.86	9.60	1,286.26
		9/16/2024		9.24	1,286.62
		3/31/2025		9.46	1,286.40
		9/8/2025		9.28	1,286.58

Table 1
Groundwater and Surface Water Elevation Data
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well or Measuring Point Identification (total depth in feet)¹	Screened Interval (feet)²	Sample Date	Elevation Top of Well Casing or Measuring Point (feet)³	Depth to Water (feet)¹	Groundwater or Surface Water Elevation (feet)³
West Canal Drainage Ditch	NA	4/1/2024	1,277.80	1.10	1,276.70
		9/16/2024		NM	NM
		3/31/2025		0.69	1,277.11
		9/8/2025		NM	NM

NOTES:

¹In feet below top of well casing.

²In feet below ground surface according to boring logs for each monitoring well.

³Elevation in feet above mean sea level, adjusted to common datum.

⁴Screened interval estimated based on total depth of well. Farallon has not located a well installation log for monitoring well MW-24. The water well report filed with the Washington State Department of Ecology by the driller in 1998 listed a screened interval of 23 to 28 feet below ground surface, which appears to be an error, based on the measured total depth.

NA = not applicable

NM = not measured

Table 2
Summary of Laboratory Analytical Results for IHSs in Groundwater
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well Identification	Sample Date	Analytical Results (micrograms per liter) ¹						
		Vinyl Chloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1,2-Trichloroethane	1,2-Dibromoethane	1,2,3-Trichloropropane
MW-1 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/16/2024	Not Sampled						
	4/1/2025	Not Sampled						
	9/8/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW-2 (shallow)	4/1/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/16/2024	Not Sampled						
	4/1/2025	Not Sampled						
	9/8/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW-3 (shallow)	4/1/2024	< 0.20	< 0.20	< 0.20	0.49	< 0.20	< 0.20	0.79
	9/16/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.85
	4/1/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.48
	9/9/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.43
MW-5 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/16/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	4/1/2025	< 0.20	< 0.20	< 0.20	0.30	< 0.20	< 0.20	0.47
	9/9/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.24
MW-6 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	1.1	< 0.20	< 0.20	0.60
	9/17/2024	< 0.20	< 0.20	< 0.20	0.93	< 0.20	< 0.20	0.55
	4/1/2025	< 0.20	< 0.20	< 0.20	1.4	< 0.20	< 0.20	0.75
	9/9/2025	< 0.20	< 0.20	< 0.20	1.1	< 0.20	< 0.20	0.80
MW-7 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	1.5	< 0.20	< 0.20	0.36
	9/17/2024	< 0.20	< 0.20	< 0.20	1.3	< 0.20	< 0.20	0.30
	4/1/2025	< 0.20	< 0.20	< 0.20	1.7	< 0.20	< 0.20	0.48
	9/9/2025	< 0.20	< 0.20	< 0.20	1.4	< 0.20	< 0.20	0.44
MW-8 (deep)	4/2/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/16/2024	Not Sampled						
	4/1/2025	Not Sampled						
	9/9/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW-9 (deep)	4/1/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/16/2024	Not Sampled						
	4/1/2025	Not Sampled						
	9/8/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.23
Groundwater Cleanup Levels for the Cenex/Quincy Site ²		1 ³	7.2 ⁴	1 ³	1 ³	1 ³	1 ³	1 ³

Table 2
Summary of Laboratory Analytical Results for IHSs in Groundwater
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well Identification	Sample Date	Analytical Results (micrograms per liter) ¹						
		Vinyl Chloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1,2-Trichloroethane	1,2-Dibromoethane	1,2,3-Trichloropropane
MW-11 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/16/2024	Not Sampled						
	4/1/2025	Not Sampled						
	9/10/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.27
MW-12 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/16/2024	Not Sampled						
	4/1/2025	Not Sampled						
	9/10/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW-13 (deep)	4/2/2024	< 0.20	< 0.20	< 0.20	0.64	< 0.20	< 0.20	0.54
	9/17/2024	< 0.20	< 0.20	< 0.20	1.2	< 0.20	< 0.20	1.3
	4/1/2025	< 0.20	< 0.20	< 0.20	1.1	< 0.20	< 0.20	1.7
	9/9/2025	< 0.20	< 0.20	< 0.20	1.8	< 0.20	< 0.20	3.8
MW-15 (deep)	4/2/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/16/2024	Not Sampled						
	4/1/2025	Not Sampled						
	9/10/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW-16 (deep)	4/1/2024	< 0.20	< 0.20	< 0.20	1.8	< 0.20	< 0.20	2.2
	9/16/2024	< 0.20	< 0.20	< 0.20	0.90	< 0.20	< 0.20	4.7
	4/1/2025	< 0.20	< 0.20	< 0.20	1.8	< 0.20	< 0.20	2.8
	4/1/2025 ⁵	< 0.20	< 0.20	< 0.20	1.8	< 0.20	< 0.20	3.0
	9/9/2025	< 0.20	< 0.20	< 0.20	1.8	< 0.20	< 0.20	4.2
MW-17 (deep)	4/2/2024	< 0.20	< 0.20	< 0.20	0.83	< 0.20	< 0.20	0.67
	9/17/2024	< 0.20	< 0.20	< 0.20	1.7	< 0.20	< 0.20	1.4
	4/1/2025	< 0.20	< 0.20	< 0.20	2.5	< 0.20	< 0.20	2.5
	9/10/2025	< 0.20	< 0.20	< 0.20	2.1	< 0.20	< 0.20	2.8
MW-20 (shallow)	4/2/2024	< 0.20	0.31	< 0.20	1.8	< 0.20	0.21	< 0.20
	9/17/2024	< 0.20	0.50	< 0.20	1.2	< 0.20	< 0.20	< 0.20
	4/1/2025	< 0.20	0.85	< 0.20	0.95	< 0.20	< 0.20	< 0.20
	9/10/2025	< 0.20	0.67	< 0.20	1.3	< 0.20	< 0.20	< 0.20
MW-21 (shallow)	4/3/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/16/2024	Not Sampled						
	4/1/2025	Not Sampled						
	9/10/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Groundwater Cleanup Levels for the Cenex/Quincy Site ²		1³	7.2⁴	1³	1³	1³	1³	1³

Table 2
Summary of Laboratory Analytical Results for IHSs in Groundwater
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well Identification	Sample Date	Analytical Results (micrograms per liter) ¹						
		Vinyl Chloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1,2-Trichloroethane	1,2-Dibromoethane	1,2,3-Trichloropropane
MW-24 (shallow)	4/1/2024	< 0.20	< 0.20	< 0.20	4.3	< 0.20	< 0.20	21
	9/16/2024	< 0.20	< 0.20	< 0.20	2.8	< 0.20	< 0.20	11
	9/16/2024 ⁵	< 0.20	< 0.20	< 0.20	3.3	< 0.20	< 0.20	10
	4/1/2025	< 0.20	< 0.20	< 0.20	3.9	< 0.20	< 0.20	12
	4/1/2025 ⁵	< 0.20	< 0.20	< 0.20	3.8	< 0.20	< 0.20	13
	9/9/2025	< 0.20	< 0.20	< 0.20	1.9	< 0.20	< 0.20	10
	9/9/2025 ⁵	< 0.20	< 0.20	< 0.20	1.9	< 0.20	< 0.20	9.9
MW-25 (deep)	4/2/2024	< 0.20	< 0.20	< 0.20	11	< 0.20	< 0.20	1.4
	4/2/2024 ⁵	< 0.20	< 0.20	< 0.20	10	< 0.20	< 0.20	1.3
	9/17/2024	< 0.20	< 0.20	< 0.20	3.9	< 0.20	< 0.20	0.48
	9/17/2024 ⁵	< 0.20	< 0.20	< 0.20	3.9	< 0.20	< 0.20	0.45
	4/1/2025	< 0.20	< 0.20	< 0.20	13	< 0.20	< 0.20	1.5
	9/10/2025	< 0.20	< 0.20	< 0.20	4.5	< 0.20	< 0.20	0.79
MW-26 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	1.9	< 0.20	< 0.20	0.45
	9/17/2024	< 0.20	< 0.20	< 0.20	0.32	< 0.20	< 0.20	< 0.20
	4/1/2025	< 0.20	< 0.20	< 0.20	1.6	< 0.20	< 0.20	0.42
	9/10/2025	< 0.20	< 0.20	< 0.20	0.42	< 0.20	< 0.20	0.25
MW-28 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	9.5	< 0.20	< 0.20	< 0.20
	9/17/2024	< 0.20	< 0.20	< 0.20	12	< 0.20	< 0.20	0.34
	4/1/2025	< 0.20	< 0.20	< 0.20	12	< 0.20	< 0.20	0.34
	9/10/2025	< 0.20	< 0.20	< 0.20	8.7	< 0.20	< 0.20	0.32
MW-29 (shallow)	4/2/2024	< 0.20	0.35	< 0.20	0.50	< 0.20	< 0.20	< 0.20
	9/17/2024	< 0.20	0.27	< 0.20	0.44	< 0.20	< 0.20	< 0.20
	4/1/2025	< 0.20	0.34	< 0.20	0.51	< 0.20	< 0.20	< 0.20
	9/10/2025	< 0.20	0.29	< 0.20	0.38	< 0.20	< 0.20	< 0.20
MW-30 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	0.97	< 0.20	< 0.20	0.51
	9/17/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	4/1/2025	< 0.20	< 0.20	< 0.20	0.63	< 0.20	< 0.20	0.23
	9/10/2025	< 0.20	0.21	< 0.20	0.48	< 0.20	< 0.20	0.34
MW-31 (deep)	4/2/2024	< 0.20	< 0.20	< 0.20	10	< 0.20	< 0.20	1.1
	4/2/2024 ⁵	< 0.20	< 0.20	< 0.20	11	< 0.20	< 0.20	0.88
	9/17/2024	< 0.20	< 0.20	< 0.20	8.1	< 0.20	< 0.20	0.71
	4/1/2025	< 0.20	< 0.20	< 0.20	7.8	< 0.20	< 0.20	0.86
	9/10/2025	< 0.20	< 0.20	< 0.20	5.6	< 0.20	< 0.20	0.86
Groundwater Cleanup Levels for the Cenex/Quincy Site ²		1³	7.2⁴	1³	1³	1³	1³	1³

Table 2
Summary of Laboratory Analytical Results for IHSs in Groundwater
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well Identification	Sample Date	Analytical Results (micrograms per liter) ¹						
		Vinyl Chloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1,2-Trichloroethane	1,2-Dibromoethane	1,2,3-Trichloropropane
MW-32 (shallow)	4/2/2024	< 0.20	0.25	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/16/2024	Not Sampled						
	4/1/2025	Not Sampled						
	9/10/2025	< 0.20	0.42	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW-33 (deep)	4/2/2024	< 0.20	0.21	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/16/2024	Not Sampled						
	4/1/2025	Not Sampled						
	9/10/2025	< 0.20	0.23	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW-34 (deep)	4/3/2024	< 0.20	< 0.20	< 0.20	0.38	< 0.20	< 0.20	0.30
	9/16/2024	Not Sampled						
	4/1/2025	Not Sampled						
	9/9/2025	Not Sampled						
MW-35 (shallow)	4/3/2024	< 0.20	< 0.20	< 0.20	0.43	< 0.20	< 0.20	0.21
	9/16/2024	Not Sampled						
	4/1/2025	Not Sampled						
	9/9/2025	Not Sampled						
MW-36 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/17/2024	< 0.20	0.67	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	4/1/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/9/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW-37 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/16/2024	Not Sampled						
	4/1/2025	Not Sampled						
	9/9/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW-38 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	5.9	< 0.20	< 0.20	< 0.20
	4/2/2024 ⁵	< 0.20	< 0.20	< 0.20	5.6	< 0.20	< 0.20	< 0.20
	9/17/2024	< 0.20	< 0.20	< 0.20	2.5	< 0.20	< 0.20	< 0.20
	4/1/2025	< 0.20	< 0.20	< 0.20	6.0	< 0.20	< 0.20	< 0.20
	9/9/2025	< 0.20	< 0.20	< 0.20	3.8	< 0.20	< 0.20	< 0.20
	9/9/2025 ⁵	< 0.20	< 0.20	< 0.20	3.9	< 0.20	< 0.20	< 0.20
MW-39 (deep)	4/2/2024	< 0.20	< 0.20	< 0.20	0.31	< 0.20	< 0.20	< 0.20
	9/17/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	4/1/2025	< 0.20	< 0.20	< 0.20	0.30	< 0.20	< 0.20	< 0.20
	9/9/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Groundwater Cleanup Levels for the Cenex/Quincy Site²		1³	7.2⁴	1³	1³	1³	1³	1³

Table 2
Summary of Laboratory Analytical Results for IHSs in Groundwater
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well Identification	Sample Date	Analytical Results (micrograms per liter) ¹						
		Vinyl Chloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1,2-Trichloroethane	1,2-Dibromoethane	1,2,3-Trichloropropane
MW-40 (shallow)	4/2/2024	< 0.20	0.25	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/16/2024	Not Sampled						
	4/1/2025	Not Sampled						
	9/9/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW-41 (shallow)	4/2/2024	< 0.20	< 0.20	0.27	6.0	< 0.20	< 0.20	4.0
	9/16/2024	Not Sampled						
	4/1/2025	Not Sampled						
	9/10/2025	< 0.20	< 0.20	< 0.20	0.69	< 0.20	< 0.20	0.33
MW-42 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/16/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.49
	4/2/2025	< 0.20	< 0.20	0.33	7.2	< 0.20	< 0.20	4.6
	9/10/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.59
MW-43 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	0.84	< 0.20	< 0.20	< 0.20
	9/16/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	4/2/2025	< 0.20	< 0.20	< 0.20	0.75	< 0.20	< 0.20	< 0.20
	9/8/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.55
MW-44 (deep)	4/2/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/16/2024	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	4/2/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/8/2025	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW-45 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	0.29	< 0.20	< 0.20	< 0.20
	9/17/2024	< 0.20	< 0.20	< 0.20	0.29	< 0.20	< 0.20	0.22
	4/2/2025	< 0.20	< 0.20	< 0.20	0.28	< 0.20	< 0.20	0.21
	9/9/2025	< 0.20	< 0.20	< 0.20	0.31	< 0.20	< 0.20	0.35
MW-46 (shallow)	4/2/2024	< 0.20	< 0.20	< 0.20	0.31	< 0.20	< 0.20	< 0.20
	9/16/2024	< 0.20	< 0.20	< 0.20	0.20	< 0.20	< 0.20	< 0.20
	4/2/2025	< 0.20	< 0.20	< 0.20	0.30	< 0.20	< 0.20	< 0.20
	9/8/2025	< 0.20	< 0.20	< 0.20	0.23	< 0.20	< 0.20	< 0.20
	9/8/2025 ⁵	< 0.20	0.25	< 0.20	0.25	< 0.20	< 0.20	< 0.20
Groundwater Cleanup Levels for the Cenex/Quincy Site ²		1³	7.2⁴	1³	1³	1³	1³	1³

Table 2
Summary of Laboratory Analytical Results for IHSs in Groundwater
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well Identification	Sample Date	Analytical Results (micrograms per liter) ¹						
		Vinyl Chloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1,2-Trichloroethane	1,2-Dibromoethane	1,2,3-Trichloropropane
MW-47 (shallow)	3/31/2025	< 0.20	< 0.20	< 0.20	4.4	< 0.20	< 0.20	< 0.20
	9/9/2025	< 0.20	< 0.20	< 0.20	6.8	< 0.20	< 0.20	< 0.20
MW-48 (deep)	3/31/2025	< 0.20	< 0.20	< 0.20	15	< 0.20	< 0.20	< 0.20
	9/9/2025	< 0.20	< 0.20	< 0.20	12	< 0.20	< 0.20	< 0.20
Groundwater Cleanup Levels for the Cenex/Quincy Site²		1³	7.2⁴	1³	1³	1³	1³	1³

NOTES:

Results in **bold** denote concentrations at or exceeding applicable cleanup levels.

< denotes analyte not detected at or exceeding the reporting limit listed.

¹Analyzed by U.S. Environmental Protection Agency Method 8260D.

²Groundwater cleanup levels established in the *Final Consent Decree and Cleanup Action Cenex Quincy Site, Quincy, WA* dated February 22, 2001 prepared by the Washington State Department of Ecology.

³Cleanup level based on analytical method practical quantitation

⁴Washington State Model Toxics Control Act Cleanup Regulation Cleanup Levels

<https://fortress.wa.gov/ecy/clarc/>

⁵QA/QC duplicate sample.

IHSs = indicator hazardous substances

QA/QC = quality assurance/quality control

Table 3
Summary of pH, Temperature, Specific Conductivity, DO, and ORP in Groundwater
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well Identification	Sample Date	Field Measurements ¹				
		pH	Temperature (°C)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)
MW-1 (shallow)	4/2/2024	7.73	15.0	1,010	4.69	140.3
	9/16/2024	Not Sampled				
	4/1/2025	Not Sampled				
	9/8/2025	7.60	18.6	1,558	5.81	185.2
MW-2 (shallow)	4/1/2024	7.66	15.9	1,078	6.05	170.6
	9/16/2024	Not Sampled				
	4/1/2025	Not Sampled				
	9/8/2025	7.67	18.1	2,056	4.72	191.4
MW-3 (shallow)	4/1/2024	7.22	15.8	2,205	1.42	166.0
	9/16/2024	7.44	19.0	3,350	8.15	200.2
	4/1/2025	7.51	14.1	2,822	6.30	182.8
	9/9/2025	7.35	17.5	3,501	0.77	182.2
MW-5 (shallow)	4/2/2024	7.21	14.9	1,407	0.91	195.3
	9/16/2024	7.17	18.2	2,073	2.40	156.2
	4/1/2025	7.28	14.9	2,007	0.40	180.0
	9/9/2025	7.20	17.2	2,114	0.24	176.1
MW-6 (shallow)	4/2/2024	7.56	15.8	2,198	3.88	180.8
	9/17/2024	7.57	17.0	3,331	4.02	157.9
	4/1/2025	7.43	15.0	2,895	3.93	170.0
	9/9/2025	7.36	17.8	3,350	2.45	190.4
MW-7 (shallow)	4/2/2024	7.41	15.0	2,505	1.09	198.7
	9/17/2024	7.43	17.9	4,086	2.86	135.9
	4/1/2025	7.42	14.8	2,836	0.36	175.5
	9/9/2025	7.23	19.4	3,499	0.38	186.0
MW-8 (deep)	4/2/2024	7.72	16.1	845	5.25	123.6
	9/16/2024	Not Sampled				
	4/1/2025	Not Sampled				
	9/9/2025	7.61	17.1	1,575	5.09	174.9
MW-9 (deep)	4/1/2024	7.92	16.6	1,012	0.43	143.4
	9/16/2024	Not Sampled				
	4/1/2025	Not Sampled				
	9/8/2025	7.88	18.6	2,836	0.22	159.4
MW-11 (deep)	4/2/2024	7.76	14.5	918	1.58	195.1
	9/16/2024	Not Sampled				
	4/1/2025	Not Sampled				
	9/10/2025	7.48	17.0	1,841	0.43	186.1

Table 3
Summary of pH, Temperature, Specific Conductivity, DO, and ORP in Groundwater
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well Identification	Sample Date	Field Measurements ¹				
		pH	Temperature (°C)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)
MW-12 (shallow)	4/2/2024	7.78	15.1	950	7.32	189.3
	9/16/2024	Not Sampled				
	4/1/2025	Not Sampled				
	9/10/2025	7.50	17.4	1,769	3.51	184.2
MW-13 (deep)	4/2/2024	7.68	15.1	1,445	0.74	192.2
	9/17/2024	7.58	16.8	2,554	2.69	148.0
	4/1/2025	7.66	15.0	2,650	1.80	190.4
	9/9/2025	7.39	18.8	3,378	0.19	179.8
MW-15 (deep)	4/2/2024	7.64	14.7	1,142	1.53	196.3
	9/16/2024	Not Sampled				
	4/1/2025	Not Sampled				
	9/10/2025	7.62	16.8	1,412	3.33	162.3
MW-16 (deep)	4/1/2024	7.21	15.5	1,880	0.77	191.8
	9/16/2024	5.91	18.7	3,899	3.15	177.5
	4/1/2025	6.35	14.2	2,034	0.29	202.9
	9/9/2025	7.44	18.4	2,773	0.22	177.8
MW-17 (deep)	4/2/2024	7.61	14.8	1,367	0.89	163.5
	9/17/2024	7.56	18.6	2,277	2.27	129.7
	4/1/2025	7.53	14.5	2,076	2.10	170.0
	9/10/2025	7.40	17.7	1,990	0.20	172.5
MW-20 (shallow)	4/2/2024	7.65	14.8	1,186	0.76	174.8
	9/17/2024	7.65	15.7	1,824	2.08	123.3
	4/1/2025	7.70	14.5	1,462	0.20	147.1
	9/10/2025	7.38	17.1	1,755	0.23	193.1
MW-21	4/3/2024	7.58	14.6	937	4.83	112.5
	9/16/2024	Not Sampled				
	4/1/2025	Not Sampled				
	9/10/2025	7.46	16.4	1,733	4.04	165.2
MW-24 (shallow)	4/1/2024	7.50	17.3	4,036	0.40	175.9
	9/16/2024	7.65	19.3	3,842	2.18	170.7
	4/1/2025	7.66	15.1	4,101	0.43	155.2
	9/9/2025	7.53	17.4	5,995	0.29	146.0
MW-25 (deep)	4/2/2024	7.69	17.2	1,612	1.27	168.0
	9/17/2024	7.72	17.6	2,527	2.36	124.3
	4/1/2025	7.66	13.5	1,864	1.61	172.5
	9/10/2025	7.47	17.2	1,639	2.21	96.8

Table 3
Summary of pH, Temperature, Specific Conductivity, DO, and ORP in Groundwater
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well Identification	Sample Date	Field Measurements ¹				
		pH	Temperature (°C)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)
MW-26 (shallow)	4/2/2024	7.61	15.8	1,551	0.97	168.1
	9/17/2024	7.63	15.8	2,143	2.32	136.9
	4/1/2025	7.59	13.7	1,911	1.59	181.1
	9/10/2025	7.37	16.7	1,687	2.13	98.8
MW-28 (shallow)	4/2/2024	7.93	15.5	4,198	0.92	174.6
	9/17/2024	7.95	17.5	6,365	2.24	136.5
	4/1/2025	8.07	15.1	5,101	0.26	150.1
	9/10/2025	7.80	18.4	5,115	0.22	159.9
MW-29 (shallow)	4/2/2024	7.57	15.8	870	0.98	167.2
	9/17/2024	7.43	17.4	832	1.14	226.8
	4/1/2025	7.59	14.8	1,212	2.06	181.0
	9/10/2025	7.32	15.8	1,004	2.51	132.8
MW-30 (shallow)	4/2/2024	7.61	16.0	1,358	0.70	168.4
	9/17/2024	7.66	19.3	894	6.35	255.1
	4/1/2025	7.59	16.4	1,651	1.56	161.7
	9/10/2025	7.39	18.4	1,118	3.78	134.9
MW-31 (deep)	4/2/2024	7.73	15.8	1,486	0.61	166.9
	9/17/2024	7.60	19.6	1,309	0.45	186.2
	4/1/2025	7.74	15.8	1,762	1.51	155.7
	9/10/2025	7.47	23.6	1,443	3.14	97.8
MW-32 (shallow)	4/2/2024	7.68	13.3	867	5.39	204.0
	9/16/2024	Not Sampled				
	4/1/2025	Not Sampled				
	9/10/2025	7.45	15.4	912	6.33	164.2
MW-33 (deep)	4/2/2024	7.61	13.1	880	4.18	205.7
	9/16/2024	Not Sampled				
	4/1/2025	Not Sampled				
	9/10/2025	7.41	15.3	882	5.71	170.7
MW-34 (deep)	4/3/2024	7.77	13.8	958	1.94	190.4
	9/16/2024	Not Sampled				
	4/1/2025	Not Sampled				
	9/9/2025	Not Sampled				
MW-35 (shallow)	4/3/2024	7.68	14.1	1,128	1.69	206.5
	9/16/2024	Not Sampled				
	4/1/2025	Not Sampled				
	9/9/2025	Not Sampled				

Table 3
Summary of pH, Temperature, Specific Conductivity, DO, and ORP in Groundwater
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well Identification	Sample Date	Field Measurements ¹				
		pH	Temperature (°C)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)
MW-36 (shallow)	4/2/2024	7.72	17.0	695	5.04	132.5
	9/17/2024	7.65	20.8	892	6.02	235.8
	4/1/2025	7.83	14.6	1,172	5.11	165.8
	9/9/2025	7.49	17.7	879	6.06	159.7
MW-37 (shallow)	4/2/2024	7.76	17.4	698	4.76	133.1
	9/16/2024	Not Sampled				
	4/1/2025	Not Sampled				
	9/9/2025	7.48	16.8	945	5.59	161.5
MW-38 (shallow)	4/2/2024	7.62	17.6	885	0.35	121.0
	9/17/2024	7.55	18.7	989	0.46	122.3
	4/1/2025	7.74	16.1	1,415	0.19	146.6
	9/9/2025	7.41	17.6	1,080	2.27	108.9
MW-39 (deep)	4/2/2024	7.74	18.9	723	3.47	128.0
	9/17/2024	7.70	18.7	793	5.21	190.7
	4/1/2025	7.86	15.7	1,142	3.49	150.2
	9/9/2025	7.51	19.6	840	6.26	153.2
MW-40 (shallow)	4/2/2024	7.62	18.0	734	5.08	134.3
	9/16/2024	Not Sampled				
	4/1/2025	Not Sampled				
	9/9/2025	7.47	18.2	666	6.37	164.7
MW-41 (shallow)	4/2/2024	7.50	16.6	747	0.42	136.5
	9/16/2024	Not Sampled				
	4/1/2025	Not Sampled				
	9/10/2025	7.58	16.0	293	3.05	124.4
MW-42 (shallow)	4/2/2024	7.71	15.0	602	5.14	140.9
	9/16/2024	7.53	16.5	862	4.93	278.8
	4/2/2025	7.52	14.9	1,040	2.06	163.6
	9/10/2025	7.51	15.3	837	6.31	151.6
MW-43 (shallow)	4/2/2024	7.62	14.6	786	1.41	132.2
	9/16/2024	7.60	16.1	709	4.19	252.5
	4/2/2025	7.68	13.8	1,117	1.65	79.9
	9/8/2025	7.65	15.9	558	5.38	160.2
MW-44 (deep)	4/2/2024	7.81	14.6	670	3.58	134.9
	9/16/2024	7.67	17.0	781	4.16	258.2
	4/2/2025	7.89	13.4	965	3.95	104.6
	9/8/2025	7.57	17.0	719	5.54	168.6

Table 3
Summary of pH, Temperature, Specific Conductivity, DO, and ORP in Groundwater
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well Identification	Sample Date	Field Measurements ¹				
		pH	Temperature (°C)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)
MW-45 (shallow)	4/2/2024	7.65	18.3	1,195	3.40	139.4
	9/17/2024	7.57	17.5	1,297	3.70	216.3
	4/2/2025	7.68	14.9	1,648	4.99	134.7
	9/9/2025	7.45	18.2	1,369	4.83	148.2
MW-46 (shallow)	4/2/2024	7.71	14.6	854	2.97	136.7
	9/16/2024	7.57	16.5	843	0.55	207.4
	4/2/2025	7.74	13.7	1,170	3.13	92.4
	9/8/2025	7.39	15.6	966	5.28	153.3
MW-47 (shallow)	3/31/2025	7.55	14.5	1,433	2.53	164.2
	9/9/2025	7.49	16.1	1,066	3.20	107.9
MW-48 (deep)	3/31/2025	7.67	13.9	1,590	0.19	-41.4
	9/9/2025	7.54	16.4	1,116	2.38	104.6

NOTES:

¹pH, temperature, conductivity, DO, and ORP in the field using a water-quality analyzer with a flow-through cell once stabilization had been achieved immediately prior to sample collection.

²ORP probe malfunction.

³pH probe malfunction.

⁴Specific Conductivity probe malfunction.

⁵DO probe malfunction.

°C = degrees Celsius

DO = dissolved oxygen

mg/L = milligrams per liter

µS/cm = microSiemens per centimeter

mV = millivolts

ORP = oxidation-reduction potential

Table 4
Modified Compliance Groundwater Monitoring Schedule
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well Identification	Screened Interval (feet) ¹	Monitoring Well Designation Deep or Shallow	Plume Location	Monitoring Well Sampling Schedule											
				2024	2025		2026		2027		2028		2029		
				Third Quarter (September)	First Quarter (March/April)	Third Quarter (September)	First Quarter (March/April)	Third Quarter (September)	First Quarter (March/April)	Third Quarter (September)	First Quarter (March/April)	Third Quarter (September)	First Quarter (March/April)	Third Quarter (September)	
MW-1	20-25	Shallow	Upgradient	—	—	X	—	—	X	—	—	X	—	—	
MW-2	20-25	Shallow	Upgradient	—	—	X	—	—	X	—	—	X	—	—	
MW-3	20-25	Shallow	Source	X	X	X	X	X	X	X	X	X	X	X	
MW-4	21-26	Shallow	Cross gradient	—	—	—	—	—	—	—	—	—	—	—	
MW-5	20-25	Shallow	Source	X	X	X	X	X	X	X	X	X	X	X	
MW-6	20-25	Shallow	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-7	20-25	Shallow	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-8	55-60	Deep	Source	—	—	X	—	—	X	—	—	X	—	—	
MW-9	35-40	Deep	Source	—	—	X	—	—	X	—	—	X	—	—	
MW-10	20-25	Shallow	Downgradient	—	—	—	—	—	—	—	—	—	—	—	
MW-11	20-25	Shallow	Downgradient	—	—	X	—	—	X	—	—	X	—	—	
MW-12	20-25	Shallow	Downgradient	—	—	X	—	—	X	—	—	X	—	—	
MW-13	40-45	Deep	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-14	35-45	Deep	Downgradient	—	—	—	—	—	—	—	—	—	—	—	
MW-15	35-45	Deep	Downgradient	—	—	X	—	—	X	—	—	X	—	—	
MW-16	35-45	Deep	Source	X	X	X	X	X	X	X	X	X	X	X	
MW-17	35-45	Deep	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-18	40-45	Deep	Downgradient	—	—	—	—	—	—	—	—	—	—	—	
MW-19	41-46	Deep	Downgradient	—	—	—	—	—	—	—	—	—	—	—	
MW-20	17-27	Shallow	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-21	22-27	Shallow	Downgradient	—	—	X	—	—	X	—	—	X	—	—	
MW-22	42-47	Deep	Downgradient	—	—	—	—	—	—	—	—	—	—	—	
MW-23	41.5-46.5	Deep	Downgradient	—	—	—	—	—	—	—	—	—	—	—	
MW-24	19-24 ²	Shallow	Source	X	X	X	X	X	X	X	X	X	X	X	
MW-25	43-48	Deep	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-26	23-28	Shallow	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-27	28-48	Shallow	Downgradient	—	—	—	—	—	—	—	—	—	—	—	
MW-28	18-28	Shallow	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-29	23-28	Shallow	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-30	18-28	Shallow	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-31	33-43	Deep	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-32	17-27	Shallow	Downgradient	—	—	X	—	—	X	—	—	X	—	—	
MW-33	32.5-42.5	Deep	Downgradient	—	—	X	—	—	X	—	—	X	—	—	
MW-34 ³	34-44	Deep	Downgradient	— ³	— ³	— ³	— ³	— ³	— ³	— ³	— ³	— ³	— ³	— ³	
MW-35 ³	15-25	Shallow	Downgradient	— ³	— ³	— ³	— ³	— ³	— ³	— ³	— ³	— ³	— ³	— ³	
MW-36	15-25	Shallow	Downgradient	—	—	X	—	—	X	—	—	X	—	—	
MW-37	15-25	Shallow	Downgradient	—	—	X	—	—	X	—	—	X	—	—	
MW-38	15-25	Shallow	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-39	37-47	Deep	Downgradient	X	X	X	X	X	X	X	X	X	X	X	

Table 4
Modified Compliance Groundwater Monitoring Schedule
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Monitoring Well Identification	Screened Interval (feet) ¹	Monitoring Well Designation Deep or Shallow	Plume Location	Monitoring Well Sampling Schedule											
				2024	2025		2026		2027		2028		2029		
				Third Quarter (September)	First Quarter (March/April)	Third Quarter (September)	First Quarter (March/April)	Third Quarter (September)	First Quarter (March/April)	Third Quarter (September)	First Quarter (March/April)	Third Quarter (September)	First Quarter (March/April)	Third Quarter (September)	
MW-40	15-25	Shallow	Downgradient	—	—	X	—	—	X	—	—	X	—	—	
MW-41	15-25	Shallow	Downgradient	—	—	X	—	—	X	—	—	X	—	—	
MW-42	15-25	Shallow	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-43	15-25	Shallow	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-44	35-45	Deep	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-45	15-25	Shallow	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-46	15-25	Shallow	Downgradient	X	X	X	X	X	X	X	X	X	X	X	
MW-47	15-25	Shallow	Downgradient	— ⁴	X	X	X	X	X	X	X	X	X	X	
MW-48	35-45	Deep	Downgradient	— ⁴	X	X	X	X	X	X	X	X	X	X	

NOTES:

¹In feet below ground surface according to boring logs for each monitoring well.

²Screened interval estimated based on total depth of well. Farallon has not located a well installation log for monitoring well MW-24. The water well report filed with the Washington State Department of Ecology by the driller in 1998 listed a screened interval of 23 to 28 feet below ground surface, which appears to be an error, based on the measured total depth.

³Monitoring well not sampled, scheduled to be decommissioned.

⁴Monitoring well installed March 2025.

-- = not sampled

X = monitoring well sampled

= green shading indicates monitoring wells sampled semiannually

= blue shading indicates monitoring wells sampled on an 18 month schedule

= gray shading indicates monitoring wells not part of the compliance groundwater monitoring program

Table 5
Air Sampling Parameters
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Sample Location	Sample Identification	Sample Date	Sample Volume (liters)	Sampling Device	Sample Start Time	Sample End Time	Sample Duration (minutes)	Initial Pressure (inches of mercury) ¹	Final Pressure (inches of mercury) ²
MSW Wells									
Influent From MSW Wells, Upstream of Air Bleed-In Valve	MSW-121420-P-A	12/14/2020	1	Summa Canister	15:52	15:58	0:06	-28.0	-5.0
	MSW-033121-P-A	3/31/2021	1	Summa Canister	8:48	8:55	0:07	-29.0	-5.0
	MSW-062321-P-A	6/23/2021	1	Summa Canister	12:13	12:19	0:06	-27.0	-5.0
	MSW-102821-P-A	10/28/2021	6	Summa Canister	16:40	17:09	0:29	-26.0	-7.4
	MSW-121421-P-A	12/14/2021	6	Summa Canister	8:34	8:41	0:07	-27.0	-22.0
	MSW-032922-P-A	3/29/2022	6	Summa Canister	8:45	9:33	0:48	-27.0	-6.0
	MSW-111022	11/10/2022	6	Summa Canister	16:18	16:54	0:36	-27.0	-5.0
	MSW-011023-P-A	1/10/2023	6	Summa Canister	17:30	18:04	0:34	-25.0	-4.5
	MSW-062223-P-A	6/22/2023	6	Summa Canister	14:03	14:43	0:40	-27.0	-4.0
	MSW-092623-P-A	9/26/2023	6	Summa Canister	15:39	16:19	0:40	-26.0	-5.0
	MSW-120523-P-A	12/5/2023	6	Summa Canister	9:18	10:16	0:58	-27.0	-4.5
	MSW-060724-P-A	6/7/2024	6	Summa Canister	13:35	14:27	0:52	-28.5	-5.0
	MSW-092424-P-A	9/24/2024	6	Summa Canister	12:27	13:01	0:34	-27.0	-4.0
	MSW-120924-P-A	12/9/2024	1	Summa Canister	13:27	13:33	0:06	-26.2	-3.0
	MSW-040325-P-A	4/3/2025	6	Summa Canister	15:52	16:40	0:48	-27.0	-5.0
	MSW-090525-P-A	9/5/2025	6	Summa Canister	12:11	12:45	0:34	-26.5	-5.0

Table 5
Air Sampling Parameters
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Sample Location	Sample Identification	Sample Date	Sample Volume (liters)	Sampling Device	Sample Start Time	Sample End Time	Sample Duration (minutes)	Initial Pressure (inches of mercury) ¹	Final Pressure (inches of mercury) ²
VEW Wells									
Influent From VEW Wells	VEW-121420-P-A	12/14/2020	1	Summa Canister	15:56	16:02	0:06	-29.0	-5.0
	VEW-033121-P-A	3/31/2021	1	Summa Canister	8:55	9:01	0:06	-27.0	-5.0
	VEW-062321-P-A	6/23/2021	1	Summa Canister	12:26	12:33	0:07	-29.0	-5.0
	VEW-102821-P-A	10/28/2021	6	Summa Canister	16:38	17:12	0:34	-28.7	-8.4
	VEW-121421-P-A	12/14/2021	6	Summa Canister	9:11	9:23	0:12	-25.5	-20.5
	VEW-032922-P-A	3/29/2022	6	Summa Canister	9:46	11:55	2:09	-28.0	-7.0
	VEW-111022	11/10/2022	6	Summa Canister	16:19	17:02	0:43	-27.2	-5.0
	VEW-011023	1/10/2023	6	Summa Canister	17:30	18:04	0:34	-26.0	-4.75
	OVERALL-062223-P-A	6/22/2023	6	Summa Canister	14:03	14:39	0:36	-26.0	-5.0
	VEW-092623-P-A	9/26/2023	6	Summa Canister	16:30	17:11	0:41	-26.0	-5.0
	VEW-120523-P-A	12/5/2023	6	Summa Canister	9:58	10:41	0:43	-28.5	-4.5
	OVERALL-060724-P-A	6/7/2024	6	Summa Canister	14:33	15:17	0:44	-28.9	-4.4
	VEW-092424-P-A	9/24/2024	6	Summa Canister	12:28	13:09	0:41	-26.5	-5.0
	VEW-120924-P-A	12/9/2024	1	Summa Canister	13:26	13:32	0:06	-29.0	-5.0
	VEW-040325-P-A	4/3/2025	6	Summa Canister	15:57	16:30	0:33	-28.0	-5.0
	VEW-090525-P-A	9/5/2025	6	Summa Canister	11:40	12:09	0:29	-28.5	-5.0

Table 5
Air Sampling Parameters
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Sample Location	Sample Identification	Sample Date	Sample Volume (liters)	Sampling Device	Sample Start Time	Sample End Time	Sample Duration (minutes)	Initial Pressure (inches of mercury) ¹	Final Pressure (inches of mercury) ²
VEW Wells - Individual Piping Runs									
Influent From VEW Wells VEW-1 through VEW-3 (MSW Wells Off)	VEW-1-081721-P-A	8/17/2021	1	Summa Canister	11:36	11:43	0:07	-30.0	-5.0
	VEW-123-102821-P-A	10/28/2021	6	Summa Canister	14:20	15:08	0:48	-27.5	-9.1
	VEW-1-111022	11/10/2022	6	Summa Canister	15:02	15:48	0:46	-24.5	-5.0
	VEW-123-062223-P-A	6/22/2023	6	Summa Canister	13:10	13:48	0:38	-27.0	-5.0
	VEW-123-092623-P-A	9/26/2023	6	Summa Canister	8:35	9:15	0:40	-26.0	-5.0
Influent From VEW Wells VEW-4 through VEW-6 (MSW Wells Off)	VEW-2-081721-P-A	8/17/2021	1	Summa Canister	11:48	11:54	0:06	-28.5	-5.0
	VEW-456-102821-P-A	10/28/2021	6	Summa Canister	15:50	16:24	0:34	-28.5	-8.1
	VEW-2-111022	11/10/2022	6	Summa Canister	15:03	15:40	0:37	-26.7	-5.0
	VEW-456-062223-P-A	6/22/2023	6	Summa Canister	12:17	13:41	1:24	-26.0	-5.0
	VEW-456-092623-P-A	9/26/2023	6	Summa Canister	12:40	13:17	0:37	-26.0	-5.0
Influent From VEW Wells VEW-7 through VEW-9 (MSW Wells Off)	VEW-3-081721-P-A	8/17/2021	1	Summa Canister	11:58	12:03	0:05	-25.0	-5.0
	VEW-789-102821-P-A	10/28/2021	6	Summa Canister	15:50	16:24	0:34	-28.6	-9.0
	VEW-3-111022	11/10/2022	6	Summa Canister	15:04	15:37	0:33	-25.0	-5.0
	VEW-789-062223-P-A	6/22/2023	6	Summa Canister	12:17	13:42	1:25	-25.0	-5.0
	VEW-789-092623-P-A	9/26/2023	6	Summa Canister	13:24	14:10	0:46	-25.0	-5.0

Table 5
Air Sampling Parameters
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Sample Location	Sample Identification	Sample Date	Sample Volume (liters)	Sampling Device	Sample Start Time	Sample End Time	Sample Duration (minutes)	Initial Pressure (inches of mercury) ¹	Final Pressure (inches of mercury) ²
Individual VEW Wells									
VEW-01	VEW-01-PERF-060724	6/7/2024	1	Summa Canister	10:11	10:16	0:05	-29.2	-5.0
VEW-02	VEW-02-PERF-060724	6/7/2024	1	Summa Canister	9:57	10:02	0:05	-27.5	-5.0
VEW-03	VEW-03-PERF-060724	6/7/2024	1	Summa Canister	9:44	9:49	0:05	-30+	-5.0
VEW-04	VEW-04-PERF-060724	6/7/2024	1	Summa Canister	10:28	10:33	0:05	-29.5	-4.5
VEW-05	VEW-05-PERF-060724	6/7/2024	1	Summa Canister	10:44	10:49	0:05	-27.5	-4.0
VEW-06	VEW-06-PERF-060724	6/7/2024	1	Summa Canister	11:00	11:05	0:05	-30.0	-5.0
VEW-07	VEW-07-PERF-060724	6/7/2024	1	Summa Canister	11:42	11:47	0:05	-28.0	-5.0
VEW-08	VEW-08-PERF-060724	6/7/2024	1	Summa Canister	11:29	11:34	0:05	-29.0	-5.0
VEW-09	VEW-09-PERF-060724	6/7/2024	1	Summa Canister	11:16	11:21	0:05	-29.0	-4.0

Table 5
Air Sampling Parameters
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Sample Location	Sample Identification	Sample Date	Sample Volume (liters)	Sampling Device	Sample Start Time	Sample End Time	Sample Duration (minutes)	Initial Pressure (inches of mercury) ¹	Final Pressure (inches of mercury) ²
Breakthrough Monitoring									
Downstream from First Carbon Filter	ECF1E-121520-P-A	12/15/2020	1	Tedlar Bag	9:45	N/A	N/A	N/A	N/A
	ECF1E-033121-P-A	3/31/2021	1	Tedlar Bag	9:05	N/A	N/A	N/A	N/A
	ECF1E-062321-P-A	6/23/2021	1	Tedlar Bag	12:50	N/A	N/A	N/A	N/A
	ECF1E-102821-P-A	10/28/2021	1	Tedlar Bag	16:50	N/A	N/A	N/A	N/A
	ECF1E-032922-P-A	3/29/2022	1	Tedlar Bag	8:16	N/A	N/A	N/A	N/A
	MID-CARBON-062223	6/22/2023	1	Tedlar Bag	13:55	N/A	N/A	N/A	N/A
	ECF1E-092723-P-A	9/27/2023	1	Tedlar Bag	8:26	N/A	N/A	N/A	N/A
	ECF1E-120524-P-A	12/5/2023	1	Tedlar Bag	10:06	N/A	N/A	N/A	N/A
	ECFIE-040324-P-A	4/3/2024	1	Tedlar Bag	10:30	N/A	N/A	N/A	N/A
	ECF1E-091724-P-A	9/17/2024	1	Tedlar Bag	15:15	N/A	N/A	N/A	N/A
	ECF1E-040225-P-A	4/2/2025	1	Tedlar Bag	11:42	N/A	N/A	N/A	N/A
	ECF1E-091025-P-A	9/10/2025	1	Tedlar Bag	15:38	N/A	N/A	N/A	N/A

Table 5
Air Sampling Parameters
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Sample Location	Sample Identification	Sample Date	Sample Volume (liters)	Sampling Device	Sample Start Time	Sample End Time	Sample Duration (minutes)	Initial Pressure (inches of mercury) ¹	Final Pressure (inches of mercury) ²
Effluent Monitoring									
Downstream of All Carbon Filters	AAE-121520-P-A	12/15/2020	1	Tedlar Bag	9:50	N/A	N/A	N/A	N/A
	AAE-033121-P-A	3/31/2021	1	Tedlar Bag	9:00	N/A	N/A	N/A	N/A
	AAE-062321-P-A	6/23/2021	1	Tedlar Bag	12:52	N/A	N/A	N/A	N/A
	AAE-102121-P-A	10/28/2021	1	Tedlar Bag	16:52	N/A	N/A	N/A	N/A
	AAE-032922-P-A	3/29/2022	1	Tedlar Bag	8:17	N/A	N/A	N/A	N/A
	Carbon-EFFLUENT-111022	11/10/2022	1	Tedlar Bag	16:20	N/A	N/A	N/A	N/A
	POST-CARBON-062223	6/22/2023	1	Tedlar Bag	13:56	N/A	N/A	N/A	N/A
	AAE-092723-P-A	9/27/2023	1	Tedlar Bag	8:37	N/A	N/A	N/A	N/A
	AAE-120524-P-A	12/5/2023	1	Tedlar Bag	10:07	N/A	N/A	N/A	N/A
	AAE-040324-P-A	4/3/2024	1	Tedlar Bag	10:35	N/A	N/A	N/A	N/A
	AAE-091724-P-A	9/17/2024	1	Tedlar Bag	15:20	N/A	N/A	N/A	N/A
	AAE-040225-P-A	4/2/2025	1	Tedlar Bag	11:44	N/A	N/A	N/A	N/A
	AAE-091025-P-A	9/10/2025	1	Tedlar Bag	15:40	N/A	N/A	N/A	N/A

NOTES:

¹Pressure in Summa canister prior to sample collection.

²Final pressure in Summa canister at termination of sample collection.

MSW = microsparge well

N/A = not applicable

VEW = vapor extraction well

Table 6
Summary of Laboratory Analytical Results for IHSs in Effluent Air
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Air Sample Location	Sample Identification	Sample Date	Analytical Results (micrograms per liter) ¹						
			Vinyl Chloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1,2-Trichloroethane	1,2-Dibromoethane	1,2,3-Trichloropropane
Effluent Monitoring: Downstream of All Carbon Filters	ECFIE-040324-P-A	4/3/2024	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	ECF1E-091724-P-A	9/17/2024	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	ECF1E-040225-P-A	4/2/2025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	ECF1E-091025-P-A	9/10/2025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Breakthrough Monitoring: Downstream from First Carbon Filter	AAE-040324-P-A	4/3/2024	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	AAE-091724-P-A	9/17/2024	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	AAE-040225-P-A	4/2/2025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	AAE-091025-P-A	9/10/2025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

IHSs = indicator hazardous substances

¹Analyzed using U.S. Environmental Protection Agency Method 8260D.

Table 7
Summary of Laboratory Analytical Results for IHSs in SVE Influent Air
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Sample Location	Sample Identification	Sample Date	Analytical Results (micrograms per cubic meter) ¹						
			Vinyl Chloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1,2-Trichloroethane	1,2-Dibromoethane	1,2,3-Trichloropropane
MSW Wells									
Influent Upstream of Air Bleed-In Valve	MSW-032015-P-A	3/20/2015	<0.47	<0.90	<0.74	16	<1.0	<1.4	<5.5
Influent Upstream of Air Bleed-In Valve (MSW Wells Off)	MSW-072215-P-A	7/22/2015	<0.45	<0.85	<0.71	17	<0.95	<1.3	<5.3
Influent Upstream of Air Bleed-In Valve	MSW-031416-P-A	3/14/2016	<0.45	<0.85	<0.71	39	<0.95	<1.3	9.0
Influent Upstream of Air Bleed-In Valve	MSW-060916-P-A	6/9/2016	<0.49	<0.94	<0.78	<0.89	<1.0	<1.5	<5.8
Influent Upstream of Air Bleed-In Valve	MSW-072716-P-A	7/27/2016	<0.47	<0.90	<0.74	14	<1.0	<1.4	<5.5
Influent Upstream of Air Bleed-In Valve	MSW-091516-P-A	9/15/2016	<0.46	<0.87	<0.72	9.6	<0.98	<1.4	<5.4
Influent Upstream of Air Bleed-In Valve	MSW-120816-P-A	12/8/2016	<0.40	<0.76	<0.63	5.4	<0.84	<1.2	<4.7
Influent Upstream of Air Bleed-In Valve	MSW-032317-P-A	3/23/2017	<0.41	<0.78	<0.64	4.5	<0.87	<1.2	<4.8
Influent Upstream of Air Bleed-In Valve	MSW-062717-P-A	6/27/2017	<0.45	<0.85	<0.71	<0.81	<0.95	<1.3	<5.3
Influent Upstream of Air Bleed-In Valve	MSW-092017-P-A	9/20/2017	<0.42	<0.80	<0.66	8.5	<0.89	<1.3	<4.9
Influent Upstream of Air Bleed-In Valve	MSW-122117-P-A	12/21/2017	<0.40	<0.77	<0.64	5.2	<0.86	<1.2	<4.7
Influent Upstream of Air Bleed-In Valve	MSW-040418-P-A	4/4/2018	< 0.44	< 0.83	< 0.69	17	< 0.93	< 1.3	< 5.2
Influent Upstream of Air Bleed-In Valve	MSW-062018-P-A	6/20/2018	<0.43	<0.82	<0.68	9.6	<0.92	<1.3	<5.1
Influent Upstream of Air Bleed-In Valve	MSW-092018-P-A	9/20/2018	<0.42	<0.80	<0.66	8.2	<0.89	<1.3	<4.9
Influent Upstream of Air Bleed-In Valve	MSW-121818-P-A	12/18/2018	<0.47	<0.90	<0.75	2.2	<1.0	<1.4	<5.6
Influent Upstream of Air Bleed-In Valve	MSW-071819-P-A	7/18/2019	0.46	<0.77	<0.64	22	<0.86	<1.2	<4.8
Influent Upstream of Air Bleed-In Valve	MSW-091919-P-A	9/19/2019	<0.40	<0.77	<0.64	12	<0.86	<1.2	ND ²

Table 7
Summary of Laboratory Analytical Results for IHSs in SVE Influent Air
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Sample Location	Sample Identification	Sample Date	Analytical Results (micrograms per cubic meter) ¹						
			Vinyl Chloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1,2-Trichloroethane	1,2-Dibromoethane	1,2,3-Trichloropropane
MSW Wells Continued									
Influent Upstream of Air Bleed-In Valve	MSW-121219-P-A	12/12/2019	<0.79	0.21	0.13	4.5	<0.34	<0.24	<19 ²
Influent Upstream of Air Bleed-In Valve	MSW-092320-P-A	9/23/2020	<0.89	0.58	<0.14	35	<0.19	<0.27	<21 ²
Influent Upstream of Air Bleed-In Valve	MSW-121420-P-A	12/14/2020	< 0.89	< 0.17	< 0.14	2.9	< 0.19	< 0.27	< 21 ⁵
Influent Upstream of Air Bleed-In Valve	MSW-033121-P-A	3/31/2021	< 0.84	< 0.16	< 0.13	8.5	< 0.18	< 0.25	< 20 ⁵
Influent Upstream of Air Bleed-In Valve	MSW-062321-P-A	6/23/2021	< 1.7	< 0.32	< 0.26	20	< 0.35	< 0.50	< 39 ⁵
Influent Upstream of Air Bleed-In Valve	MSW-102821-P-A	10/28/2021	< 0.42	< 0.80	< 0.67	39	< 0.90	< 1.3	< 5.0
Influent Upstream of Air Bleed-In Valve	MSW-121421-P-A	12/14/2021	< 1.2	< 2.3	< 1.9	7.8	< 2.6	< 3.6	< 14
Influent Upstream of Air Bleed-In Valve	MSW-032922-P-A	3/29/2022	< 0.39	< 0.75	< 0.62	7.5	< 0.83	< 1.2	< 4.6
Influent Upstream of Air Bleed-In Valve	MSW-111022	11/10/2022	< 0.35	0.66 J	< 0.55	20	< 0.74	< 1.0	< 4.1
Influent Upstream of Air Bleed-In Valve	MSW-011023-P-A	1/10/2023	< 0.36	< 0.68	< 0.56	7.8	< 0.76	< 1.1	< 4.2
Influent Upstream of Air Bleed-In Valve	MSW-062223-P-A	6/22/2023	< 0.36	< 0.68	< 0.57	9.0	< 0.76	< 1.1	< 4.2
Influent Upstream of Air Bleed-In Valve	MSW-092623-P-A	9/26/2023	< 0.34	< 0.66	< 0.55	17	< 0.74	< 1.0	< 4.1
Influent Upstream of Air Bleed-In Valve	MSW-120523-P-A	12/5/2023	< 0.35	< 0.67	< 0.56	11	< 0.75	< 1.1	< 4.2
Influent Upstream of Air Bleed-In Valve	MSW-060724-P-A	6/7/2024	< 0.41	< 0.79	< 0.65	5.2	< 0.88	< 1.2	< 4.8
Influent Upstream of Air Bleed-In Valve	MSW-092424-P-A	9/24/2024	< 0.37	< 0.71	< 0.59	11	< 0.80	< 1.1	< 4.4
Influent Upstream of Air Bleed-In Valve	MSW-120924-P-A	12/9/2024	---	---	---	2.1	---	---	---
Influent Upstream of Air Bleed-In Valve	MSW-040325-P-A	4/3/2025	< 0.18	< 0.67	< 0.56	< 3.2	< 0.38	< 0.21	0.51
Influent Upstream of Air Bleed-In Valve	MSW-090525-P-A	9/5/2025	0.60	< 0.73	< 0.60	19	< 0.41	< 0.23	< 0.45

Table 7
Summary of Laboratory Analytical Results for IHSs in SVE Influent Air
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Sample Location	Sample Identification	Sample Date	Analytical Results (micrograms per cubic meter) ¹						
			Vinyl Chloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1,2-Trichloroethane	1,2-Dibromoethane	1,2,3-Trichloropropane
VEW Wells									
Influent From VEW Wells	VEW-032015-P-A	3/20/2015	<0.46	<0.88	<0.73	23	<0.98	<1.4	<5.4
Influent From VEW Wells (MSW Wells Off)	VEW-072215-P-A	7/22/2015	2.2	1.4	<0.79	92	<1.1	<1.5	6.7
Influent From VEW Wells	VEW-031416-P-A	3/14/2016	<0.44	<0.85	<0.70	56	<0.95	<1.3	<5.2
Influent From VEW Wells	VEW-060916-P-A	6/9/2016	<0.48	<0.91	1	<0.86	<1.0	<1.4	<5.6
Influent From VEW Wells	VEW-072716-P-A	7/27/2016	<0.48	<0.93	<0.77	<0.88	<1.0	<1.5	<5.7
Influent From VEW Wells	VEW-091516-P-A	9/15/2016	<0.43	<0.83	<0.69	34	<0.93	<1.3	<5.1
Influent From VEW Wells	VEW-120816-P-A	12/8/2016	<0.41	<0.79	<0.66	13	<0.88	<1.2	<4.9
Influent From VEW Wells	VEW-032317-P-A	3/23/2017	<0.35	<0.66	<0.55	5.5	<0.74	<1.0	<4.1
Influent From VEW Wells	VEW-062717-P-A	6/27/2017	<0.43	<0.82	<0.68	<0.78	<0.92	<1.3	<5.1
Influent From VEW Wells	VEW-092017-P-A	9/20/2017	<0.39	<0.75	<0.62	<0.71	<0.83	<1.2	<4.6
Influent From VEW Wells	VEW-122117-P-A	12/21/2017	<0.41	<0.78	<0.65	6.7	<0.87	<1.2	<4.8
Influent From VEW Wells	VEW-040418-P-A	4/4/2018	<0.46	<0.87	<0.72	31	<0.98	<1.4	<5.4
Influent From VEW Wells	VEW-062018-P-A	6/20/2018	<0.45	<0.86	<0.72	38	<0.96	<1.4	<5.3
Influent From VEW Wells	VEW-092018-P-A	9/20/2018	<0.42	<0.80	<0.66	29	<0.89	<1.3	<4.9
Influent From VEW Wells	VEW-121818-P-A	12/18/2018	<0.44	<0.85	<0.70	2.1	<0.95	<1.3	<5.2
Influent From VEW Wells	VEW-071819-P-A	7/18/2019	1.2	<0.74	<0.62	43	<0.83	<1.2	<4.6
Influent From VEW Wells	VEW-091919-P-A	9/19/2019	<0.40	<0.76	<0.63	49	<0.84	<1.2	1.1 ^{2,3,4}
Influent From VEW Wells	VEW-121219-P-A	12/12/2019	<0.79	<0.15	0.15	4.5	<0.34	<0.24	<19 ²
Influent From VEW Wells	VEW-092320-P-A	9/23/2020	<0.87	0.90	<0.14	63	0.19	<0.26	<20 ²

Table 7
Summary of Laboratory Analytical Results for IHSs in SVE Influent Air
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Sample Location	Sample Identification	Sample Date	Analytical Results (micrograms per cubic meter) ¹						
			Vinyl Chloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1,2-Trichloroethane	1,2-Dibromoethane	1,2,3-Trichloropropane
VEW Wells Continued									
Influent From VEW Wells	VEW-121420-P-A	12/14/2020	< 0.92	< 0.18	< 0.15	< 0.83	< 0.2	< 0.28	< 21 ⁵
Influent From VEW Wells	VEW-033121-P-A	3/31/2021	< 0.92	< 0.18	< 0.15	5.2	< 0.2	< 0.28	< 22 ⁵
Influent From VEW Wells	VEW-062321-P-A	6/23/2021	< 1.6	0.36	< 0.25	32	< 0.33	< 0.47	< 37 ⁵
Influent From VEW Wells	VEW-102821-P-A	10/28/2021	1.1	1.2	< 0.61	100	0.99	< 1.2	6.9
Influent From VEW Wells	VEW-121421-P-A	12/14/2021	< 1.2	< 2.2	< 1.8	16	< 2.5	< 3.5	< 14
Influent From VEW Wells	VEW-032922-P-A	3/29/2022	< 0.39	< 0.75	< 0.62	2.3	< 0.84	< 1.2	< 4.6
Influent From VEW Wells	VEW-OVERALL-111022	11/10/2022	< 0.31	1.5	< 0.49	85	< 0.66	< 0.94	< 3.7
Influent From VEW Wells	VEW-011023-P-A	1/10/2023	< 0.38	< 0.72	< 0.60	26	< 0.81	< 1.1	< 4.5
Influent From VEW Wells	OVERALL-062223-P-A	6/22/2023	< 3.8	< 7.4	< 6.1	19	< 8.2	< 12	< 46
Influent From VEW Wells	VEW-092623-P-A	9/26/2023	0.65	0.78	< 0.57	52	< 0.76	< 1.1	< 4.2
Influent From VEW Wells	VEW-120523-P-A	12/5/2023	< 0.33	< 0.64	< 0.53	30	< 0.71	< 1.0	< 3.9
Influent From VEW Wells	OVERALL-060724-P-A	6/7/2024	< 0.36	< 0.70	< 0.58	5.7	< 0.78	< 1.1	< 4.3
Influent From VEW Wells	VEW-092424-P-A	9/24/2024	< 0.38	< 0.73	< 0.61	39	< 0.82	< 1.2	< 4.5
Influent From VEW Wells	VEW-120924P-A	12/9/2024	---	---	---	3.5	---	---	---
Influent From VEW Wells	VEW-040325-P-A	4/3/2025	< 0.19	< 0.72	< 0.59	5.4	< 0.40	< 0.22	0.50
Influent From VEW Wells	VEW-090525-P-A	9/5/2025	1.5	< 0.82	< 0.68	46	< 0.46	< 0.26	1.2

Table 7
Summary of Laboratory Analytical Results for IHSs in SVE Influent Air
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Sample Location	Sample Identification	Sample Date	Analytical Results (micrograms per cubic meter) ¹						
			Vinyl Chloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1,2-Trichloroethane	1,2-Dibromoethane	1,2,3-Trichloropropane
VEW Wells – Individual Piping Runs									
Influent From VEW Wells VEW-1 through VEW-3 (MSW Wells Off)	VEW-123-121815-P-A	12/18/2015	5.2	3.8	<0.74	250	<0.99	<1.4	8.0
	VEW-1-081721-P-A	8/17/2021	<2.2	<0.42	<0.35	58	0.56	<0.66	<52 ⁵
	VEW-123-102821-P-A	10/28/2021	2.3	1.4	<0.71	160	1.6	<0.81	<5.3
	VEW-1-111022	11/10/2022	2.4	1.9	< 0.60	120	< 0.81	< 1.1	< 4.5
	VEW-123-062223-P-A	6/22/2023	1.4	0.75	< 0.62	72	< 0.84	< 1.2	< 4.6
	VEW-123-092623-P-A	9/26/2023	3.2	1.7	< 0.62	140	1.6	< 1.2	< 4.6
Influent From VEW Wells VEW-4 through VEW-6 (MSW Wells Off)	VEW-456-121815-P-A	12/18/2015	6.9	5.4	<0.83	250	<1.1	<1.6	7.2
	VEW-2-081721-P-A	8/17/2021	<1.6	<0.3	<0.25	32	<0.33	<0.47	<36 ⁵
	VEW-456-102821-P-A	10/28/2021	<0.37	1.1	<0.58	99	0.99	<1.1	8.5
	VEW-2-111022	11/10/2022	< 0.34	1.7	< 0.54	82	< 0.73	< 1.0	5.6
	VEW-456-062223-P-A	6/22/2023	1.1	0.84	< 0.61	58	< 0.82	< 1.2	< 4.6
	VEW-456-092623-P-A	9/26/2023	1.8	1.5	< 0.58	80	0.87	< 1.1	< 4.3
Influent From VEW Wells VEW-7 through VEW-9 (MSW Wells Off)	VEW-789-121815-P-A	12/15/2015	0.88	1.2	<0.74	100	<1.0	<1.4	6.9
	VEW-3-081721-P-A	8/17/2021	<1.4	<0.27	<0.22	14	<0.3	<0.42	<33 ⁵
	VEW-789-102821-P-A	10/28/2021	<0.39	0.82	<0.62	72	<0.83	<1.2	<4.6
	VEW-3-111022	11/10/2022	< 0.36	< 0.68	< 0.56	36	< 0.76	< 1.1	< 4.2
	VEW-789-062223-P-A	6/22/2023	< 0.47	< 0.90	< 0.74	33	< 1.0	< 1.4	< 5.5
	VEW-789-092623-P-A	9/26/2023	< 0.37	< 0.71	< 0.59	38	< 0.80	< 1.1	< 4.4

Table 7
Summary of Laboratory Analytical Results for IHSs in SVE Influent Air
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Sample Location	Sample Identification	Sample Date	Analytical Results (micrograms per cubic meter) ¹						
			Vinyl Chloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1,2-Trichloroethane	1,2-Dibromoethane	1,2,3-Trichloropropane
Individual VEW Wells									
VEW-01	VEW-01-PERF-060724	6/7/2024	---	---	---	21	---	---	---
	VEW-1-120924	12/9/2024	---	---	---	2.5	---	---	---
VEW-02	VEW-02-PERF-060724	6/7/2024	---	---	---	19	---	---	---
	VEW-2-120924	12/9/2024	---	---	---	7.1	---	---	---
VEW-03	VEW-03-PERF-060724	6/7/2024	---	---	---	6.7	---	---	---
	VEW-3-120924	12/9/2024	---	---	---	3.8	---	---	---
VEW-04	VEW-04-PERF-060724	6/7/2024	---	---	---	< 1.3	---	---	---
	VEW-4-120924	12/9/2024	---	---	---	3.5	---	---	---
VEW-05	VEW-05-PERF-060724	6/7/2024	---	---	---	1.5	---	---	---
	VEW-5-120924	12/9/2024	---	---	---	7.1	---	---	---
VEW-06	VEW-06-PERF-060724	6/7/2024	---	---	---	3.7	---	---	---
	VEW-6-120924	12/9/2024	---	---	---	< 1	---	---	---
VEW-07	VEW-07-PERF-060724	6/7/2024	---	---	---	2.0	---	---	---
	VEW-7-120924	12/9/2024	---	---	---	2.3	---	---	---
Individual VEW Wells Continued									
VEW-08	VEW-08-PERF-060724	6/7/2024	---	---	---	1.8	---	---	---
	VEW-8-120924	12/9/2024	---	---	---	3.8	---	---	---
VEW-09	VEW-09-PERF-060724	6/7/2024	---	---	---	3.8	---	---	---
	VEW-9-120924	12/9/2024	---	---	---	4.6	---	---	---

Table 7
Summary of Laboratory Analytical Results for IHSs in SVE Influent Air
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

NOTES:

Results in **bold** denote concentrations detected exceeding the laboratory reporting limit.

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

¹Analyzed by U.S. Environmental Protection Agency Method TO-15 GC/MS.

²Tentatively identified compound.

³The identification is based on presumption.

⁴Estimated.

⁵The reported concentration was generated from a library search.

--- = not analyzed

IHSs = indicator hazardous substances

J = result is an estimate

MS/SVE = microsparge/soil vapor extraction

MSW = microsparge well

ND = not detected

SVE = soil vapor extraction

VEW = vapor extraction well

Table 8
Summary of MS/SVE System 1,2-DCP Recovered February 2016 to September 2025
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

				1,2-Dichloropropane Analytical Results (micrograms per cubic meter) ¹	Recovery Rate (milligrams per minute) ²	Amount Recovered Between Events (pounds)	Cumulative Amount Recovered (pounds)
Sample Location	Sample Identification	Sample Date	Airflow Rate (scfm)				
MSW Wells							
Influent Upstream of Air Bleed-In Valve	___3	2/10/2016	81.47	___3	0.090	___3	___3
	MSW-031416-P-A	3/14/2016	70.55	39	0.078	0.0088	0.0088
	MSW-060916-P-A	6/9/2016	119.92	<0.89	0.0015	0.0110	0.0198
	MSW-072716-P-A	7/27/2016	106.75	14	0.042	0.0033	0.0231
	MSW-091516-P-A	9/15/2016	129.28	9.6	0.035	0.0061	0.029
	MSW-120816-P-A	12/8/2016	109.51	5.4	0.017	0.0069	0.036
	MSW-032317-P-A	3/23/2017	128.81	4.5	0.016	0.0055	0.042
	MSW-062717-P-A	6/27/2017	128.81	<0.81	0.0015	0.0027	0.044
	MSW-092017-P-A	9/20/2017	128.81	8.5	0.031	0.0044	0.049
	MSW-122117-P-A	12/21/2017	112.79	5.2	0.017	0.0069	0.056
	___4	2/1/2018	112.79	___4	0.017	0.0022	0.058
	___5	4/2/2018	___5	___5	___5	___5	0.058
	MSW-040418-P-A	4/4/2018	101.43	17	0.049	0.0002	0.058
	MSW-062018-P-A	6/20/2018	84.79	9.6	0.023	0.0088	0.067
	MSW-092018-P-A	9/20/2018	94.07	8.2	0.022	0.0065	0.074
	MSW-121818-P-A	12/18/2018	90.47	2.2	0.006	0.0039	0.077
	___6	1/31/2019	90.47	___6	0.006	0.0008	0.078
	MSW-071819-P-A	7/18/2019	91.08	22	0.057	___7	0.078
	MSW-091919-P-A	9/19/2019	119.92	12	0.041	0.0097	0.088
	MSW-121219-P-A	12/12/2019	119.92	4.5	0.015	0.0075	0.095
	___8	5/19/2020	___8	___8	0.015	0.0077	0.103
	MSW-092320-P-A	9/23/2020	138.36	35	0.137	___9	0.103
	MSW-121420-P-A	12/14/2020	166.3	2.9	0.014	0.0196	0.123
	MSW-033121-P-A	3/31/2021	96.97	8.5	0.023	0.0062	0.129
	MSW-062321-P-A ¹⁰	6/23/2021	141.11	20	0.080	___10	0.129
	___11	8/17/2021	141.11	___11	0.080	0.0090	0.138
	MSW-121421-P-A	12/14/2021	132.53	7.8	0.029	0.0207	0.159
	MSW-032922-P-A	3/29/2022	132.53	7.5	0.028	0.0095	0.168
	___12	6/13/2022	132.53	___12	0.028	0.0068	0.175
	MSW-111022	11/10/2022	99.15	20	0.05615	___13	0.175
	___14	12/31/2022	___14	___14	0.05615	0.0057	0.181
	MSW-011023-P-A	1/10/2023	66.22	7.8	0.01463	___15	0.181
	MSW-062223-P-A	6/22/2023	102.51	9.0	0.02612	___16	0.181
	___17	7/20/2023	___17	___17	0.02612	0.0023	0.183
	MSW-092623-P-A	9/26/2023	128.81	17	0.06201	___18	0.183
	MSW-120523-P-A	12/8/2023	112.79	11	0.03513	___19	0.183
	___20	5/22/2024	99.78	___20	0.01469	0.0174	0.201
	MSW-060724-P-A	6/7/2024	49.30	5.2	0.00726	0.0011	0.202
	___21	7/10/2024	___21	___21	0.00726	0.0004	0.202
	___22	9/10/2024	___22	___22	___22	___22	0.202
	MSW-092424-P-A	9/24/2024	117.59	11	0.0366	0.0010	0.203
	MSW-120924-P-A	12/9/2024	95.60	2.1	0.0057	0.0051	0.208
	MSW-040325-P-A	4/3/2025	96.50	<3.2	0.0044	0.0018	0.210
MS Sparge System Turned Off June 30, 2025							
	MSW-090525-P-A	9/5/2025	85.19	19	0.0458	0.0123	0.222

Table 8
Summary of MS/SVE System 1,2-DCP Recovered February 2016 to September 2025
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

				1,2-Dichloropropane Analytical Results (micrograms per cubic meter) ¹	Recovery Rate (milligrams per minute) ²	Amount Recovered Between Events (pounds)	Cumulative Amount Recovered (pounds)
Sample Location	Sample Identification	Sample Date	Airflow Rate (scfm)				
VIEW Wells							
Influent From VIEW Wells	— ³	2/10/2016	32.43	— ³	0.051	— ³	— ³
	VIEW-031416-P-A	3/14/2016	21.40	56	0.0339	0.0045	0.0045
	VIEW-060916-P-A	6/9/2016	25.70	<0.86	0.00031	0.0047	0.0092
	VIEW-072716-P-A	7/27/2016	19.45	<0.88	0.00024	0.000042	0.0092
	VIEW-091516-P-A	9/15/2016	36.35	34	0.035	0.0028	0.0120
	VIEW-120816-P-A	12/8/2016	38.46	13	0.014	0.0066	0.019
	VIEW-032317-P-A	3/23/2017	26.80	5.5	0.0042	0.0031	0.022
	VIEW-062717-P-A	6/27/2017	25.10	<0.78	0.00028	0.0007	0.022
	VIEW-092017-P-A	9/20/2017	25.10	<0.71	0.00025	0.0001	0.022
	VIEW-122117-P-A	12/21/2017	43.19	6.7	0.00819	0.0012	0.024
	— ⁴	2/1/2018	43.19	— ⁴	0.00819	0.0011	0.025
	— ⁵	4/2/2018	— ⁵	— ⁵	— ⁵	— ⁵	0.025
	VIEW-040418-P-A	4/4/2018	34.58	31	0.03036	0.0001	0.025
	VIEW-062018-P-A	6/20/2018	31.17	38	0.03354	0.0077	0.033
	VIEW-092018-P-A	9/20/2018	45.10	29	0.03704	0.0104	0.043
	VIEW-121818-P-A	12/18/2018	45.17	2.1	0.00269	0.0056	0.049
	— ⁶	1/31/2019	45.17	— ⁶	0.00269	0.0004	0.049
	VIEW-071819-P-A	7/18/2019	35.78	43	0.04357	— ⁷	0.049
	VIEW-091919-P-A	9/19/2019	36.98	49	0.05131	0.0095	0.058
	VIEW-121219-P-A	12/12/2019	36.98	4.5	0.00471	0.0075	0.066
	— ⁸	5/19/2020	— ⁸	— ⁸	0.00471	0.0024	0.068
	VIEW-092320-P-A	9/23/2020	41.92	63	0.07478	— ⁹	0.068
	VIEW-121420-P-A	12/14/2020	53.60	<0.83	0.00063	0.0098	0.078
	VIEW-033121-P-A	3/31/2021	37.92	5.2	0.00558	0.0010	0.079
	VIEW-062321-P-A ¹⁰	6/23/2021	39.28	32	0.03559	— ¹⁰	0.079
	— ¹¹	8/17/2021	39.28	— ¹¹	0.03559	0.0062	0.085
	VIEW-121421-P-A	12/14/2021	41.94	16	0.01900	0.0103	0.096
	VIEW-032922-P-A	3/29/2022	41.94	2.3	0.00273	0.0036	0.099
	— ¹²	6/13/2022	41.94	— ¹²	0.00273	0.0007	0.100
	VIEW-OVERALL-111022	11/10/2022	39.78	85	0.09575	— ¹³	0.100
	— ¹⁴	12/31/2022	— ¹⁴	— ¹⁴	0.09575	0.0098	0.110
	VIEW-011023-P-A	1/10/2023	36.98	26	0.02723	— ¹⁵	0.110
	OVERALL-062223-P-A	6/22/2023	47.10	19	0.02534	— ¹⁶	0.110
	— ¹⁷	7/20/2023	— ¹⁷	— ¹⁷	0.02534	0.0022	0.112
	VIEW-092623-P-A	9/26/2023	53.00	52	0.07804	— ¹⁸	0.112
	VIEW-120523-P-A	12/8/2023	52.60	30	0.04468	— ¹⁹	0.112
	— ²⁰	5/22/2024	43.51	— ²⁰	0.00702	0.0037	0.116
	OVERALL-060724-P-A	6/7/2024	39.70	5.7	0.00641	0.0003	0.116
	— ²¹	7/10/2024	— ²¹	— ²¹	0.00641	0.0007	0.117
	— ²²	9/10/2024	— ²²	— ²²	— ²²	— ²²	0.117
	VIEW-092424-P-A	9/24/2024	43.90	39	0.0485	0.0013	0.118
	VIEW-120924P-A	12/9/2024	37.17	3.5	0.0037	0.0063	0.124
	VIEW-040325-P-A	4/3/2025	41.54	5.4	0.0064	0.0018	0.126
MS Sparge System Turned Off June 30, 2025							
	VIEW-090525-P-A	9/5/2025	38.19	46	0.0497	0.0138	0.140
						TOTAL	0.362

Table 8
Summary of MS/SVE System 1,2-DCP Recovered February 2016 to September 2025
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

NOTES:

Results in **bold** denote concentrations exceeding laboratory reporting limit.

— denotes not applicable.

< denotes analyte not detected at or exceeding the reporting limit listed.

¹Analyzed by U.S. Environmental Protection Agency Method TO-15 GC/MS.

²Where analyte was not detected, half the detection limit was used for calculation.

³Analytical results from the March 14, 2016 sampling event were used for calculation.

⁴Analytical results from the December 21, 2017 sampling event were used for calculation; the MS/SVE system was shut down on February 1, 2018.

⁵MS/SVE system was restarted on April 2, 2018.

⁶Analytical results from the December 18, 2018 sampling event were used for calculation; the MS/SVE system was shut down on January 31, 2019.

⁷MS/SVE system was restarted on July 18, 2019.

⁸Analytical results from the December 12, 2019 sampling event were used for calculation; the MS/SVE system was shut down on May 19, 2020.

⁹MS/SVE system was restarted on September 21, 2020.

¹⁰MS/SVE system not operating upon arrival for sampling event on June 21, 2021, recovery rate and amount of 1,2-DCP recovered not calculated.

¹¹Analytical results from the June 23, 2021 sampling event were used for calculation; the MS/SVE system operated from June 23 to August 17, 2021.

¹²Analytical results and airflow rate from the March 29, 2022 sampling event were used for calculation; the MS/SVE system operated from March 29 to June 13, 2022.

¹³MS/SVE system restarted on November 10, 2022 after the planned shutdown period between June 13 and November 10, 2022.

¹⁴MS/SVE system shutdown sometime the end of December 2022 or first week of January 2023.

¹⁵Recovery not calculated, used average of the recovery rate calculated for the November 10, 2022 and January 10, 2023 sampling events for calculation of recovered amount between November 10 and December 31, 2022.

¹⁶MS/SVE system restarted on June 22, 2023.

¹⁷MS/SVE system shutdown July 20, 2023.

¹⁸MS/SVE system restarted on September 26, 2023.

¹⁹Recovery not calculated, MS/SVE system shutdown sometime between September 26 and December 1, 2023.

²⁰MS/SVE system restarted on May 22, 2024 with repaired compressor, system was operating with only the blower before installation and restart. Analytical results from June 7, 2024 sampling event used for calculation of recovery rate and amount recovered.

²¹MS/SVE system shutdown July 10, 2024.

²²MS/SVE system restarted on September 10, 2024.

1,2-DCP = 1,2-dichloropropane

MS/SVE = microsparge/soil vapor extraction

scfm = standard cubic feet per minute

VEW = vapor extraction well

Table 9
MS/SVE System O&M Data
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Date	System					VEW-1 (VEW-1, 2, 3)			VEW-2 (VEW-4, 5, 6)			VEW-3 (VEW-7, 8, 9)			VEW Combined			MSW			Overall (MSW + VEW + Dilution Air)			Notes
	Vacuum at Blower (IOW)	AS System Pressure (psi)	Pressure After GAC-1 (IOW)	Pressure after GAC-2 (IOW)	Dilution air added (SCFM)	Vacuum (IOW)	DP (IOW)	Flow (CFM)	Vacuum (IOW)	DP (IOW)	Flow (CFM)	Vacuum (IOW)	DP (IOW)	Flow (CFM)	Vacuum (IOW)	DP (IOW)	Flow (CFM)	Vacuum (IOW)	DP (IOW)	Flow (CFM)	Vacuum (IOW)	DP (IOW)	Flow (CFM)	
5/22/2024	30.5	13.9	32.5	12.1	34.2	24.4	0.032	10.27	24.4	0.081	16.3	24.7	0.050	12.8	24.6	0.535	42.0	24.5	0.182	97.27	30.5	0.588	173.45	System startup after installing repaired compressor.
6/7/2024	28.3	12.5	32.5	11.8	93.0	22.7	0.038	11.22	22.5	0.081	16.4	22.6	0.047	12.48	22.7	0.477	39.74	22.5	0.138	49.31	28.3	0.644	182.05	
9/10/2024	27.6	-	31.4	11.7	57.0	21.0	0.062	14.36	20.8	0.121	20.07	21.0	0.065	14.70	21.1	0.608	44.96	21.2	0.140	85.67	27.6	0.683	187.66	Before optimization adjustment.
9/10/2024	27.9	-	-	-	35.9	21.9	0.078	16.09	21.9	0.074	15.67	21.9	0.055	13.50	22.1	0.532	42.00	21.5	0.215	106.13	27.9	0.657	183.98	After first optimization adjustment at 12:30
9/10/2024	28.4	-	-	-	40.8	22.3	0.090	17.27	22.7	0.027	9.46	22.5	0.045	12.21	22.6	0.442	38.26	22.2	0.220	107.26	28.4	0.675	186.36	After second optimization adjustment at 13:00.
9/24/2024	27.7	-	-	-	31.6	22.1	0.075	14.90	22.3	0.027	9.99	22.2	0.041	10.64	27.7	0.646	35.64	22.4	0.254	115.22	27.7	0.646	182.48	Upon arrival at Site at 11:30.
9/24/2024	30.5	-	-	-	29.3	25.3	0.089	17.11	23.1	0.038	11.21	22.8	0.048	12.61	24.9	0.546	42.40	24.3	0.253	114.71	30.5	0.679	186.39	After optimization adjustment at 14:30.
12/9/2024	34.2	15.0	27.3	11.5	46.6	29.4	0.074	15.52	28.2	0.043	11.85	28.4	0.054	13.27	29.7	0.425	37.17	29.2	0.178	95.60	34.2	0.635	179.36	Upon arrival at Site
12/9/2024	34.2	15.0	-	-	44.5	30.3	0.099	19.93	29.9	0.058	13.73	28.6	0.075	15.64	30.4	0.588	43.68	28.2	0.186	97.85	34.2	0.683	186.02	After optimization adjustment
4/3/2025	33.4	16.0	31.4	11.1	29.7	27.4	0.061	14.12	26.2	0.064	14.49	25.7	0.050	12.82	28.4	0.529	41.54	28.4	0.181	96.50	33.4	0.554	167.71	
6/30/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	System compressor turned off by CHS Inc. following Ecology approval.
7/9/2025	32.0	-	29.9	13.1	44.7	28.0	0.058	13.76	26.3	0.034	10.56	25.8	0.046	12.29	27.2	0.567	43.07	27.6	0.140	84.90	32.0	0.585	172.67	Repair made to carbon filter discharge piping.
9/5/2025	30.1	-	30.4	13.0	49.7	26.0	0.084	16.61	24.3	0.030	9.95	24.0	0.036	10.90	26.5	0.445	38.19	25.6	0.140	85.19	30.1	0.585	173.10	

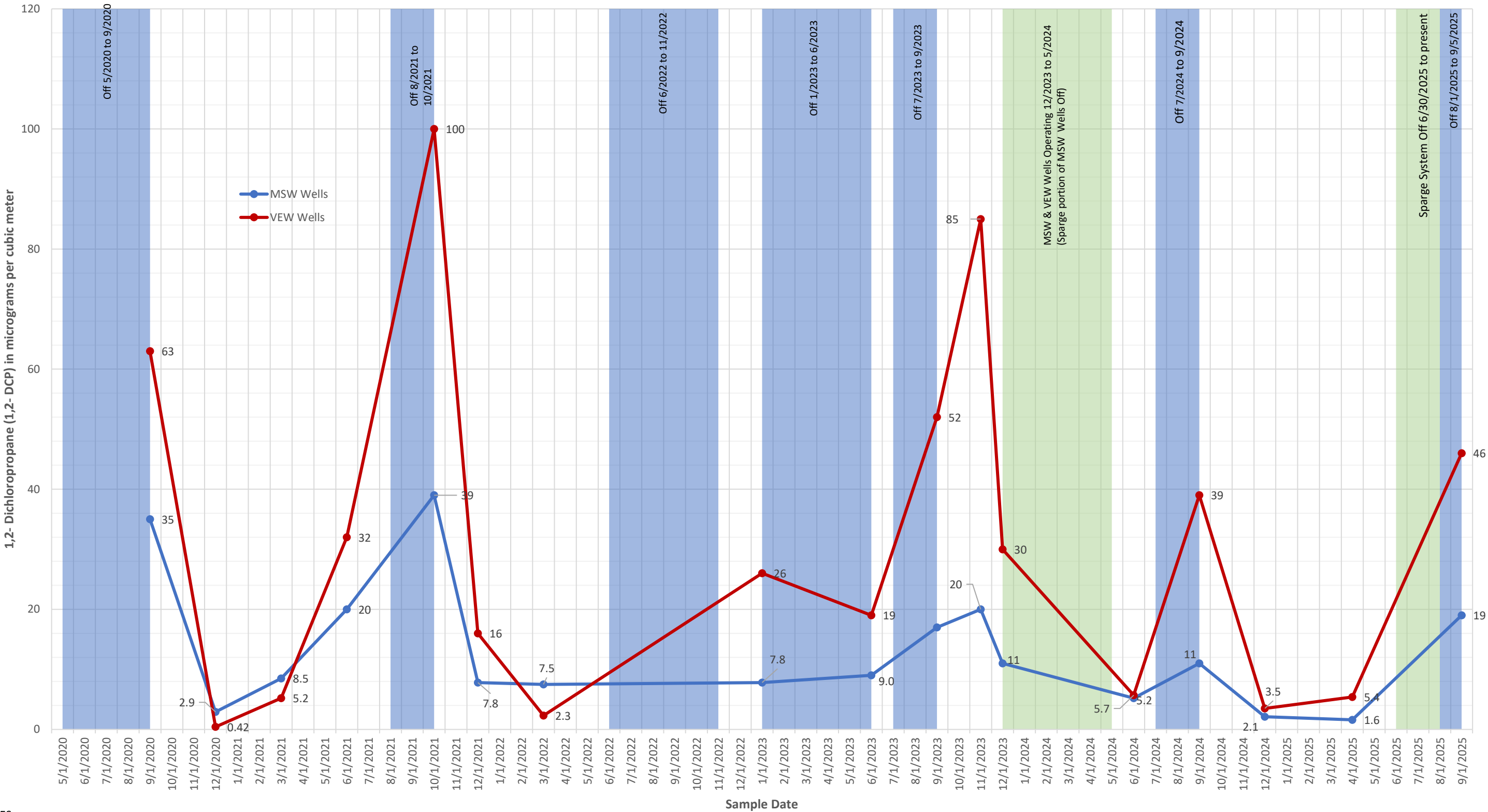
NOTES:
-- = not measured
CFM = cubic feet per minute
IOW = inches of water column
MSW = microsparge well(s)
O&M = operation and maintenance
psi = pounds per square inch
SVE = soil vapor extraction
VEW = vapor extraction well(s)

CHARTS

2025 ANNUAL REPORT
Cenex Harvest States Cooperatives Site
300 Division Street
Quincy, Washington

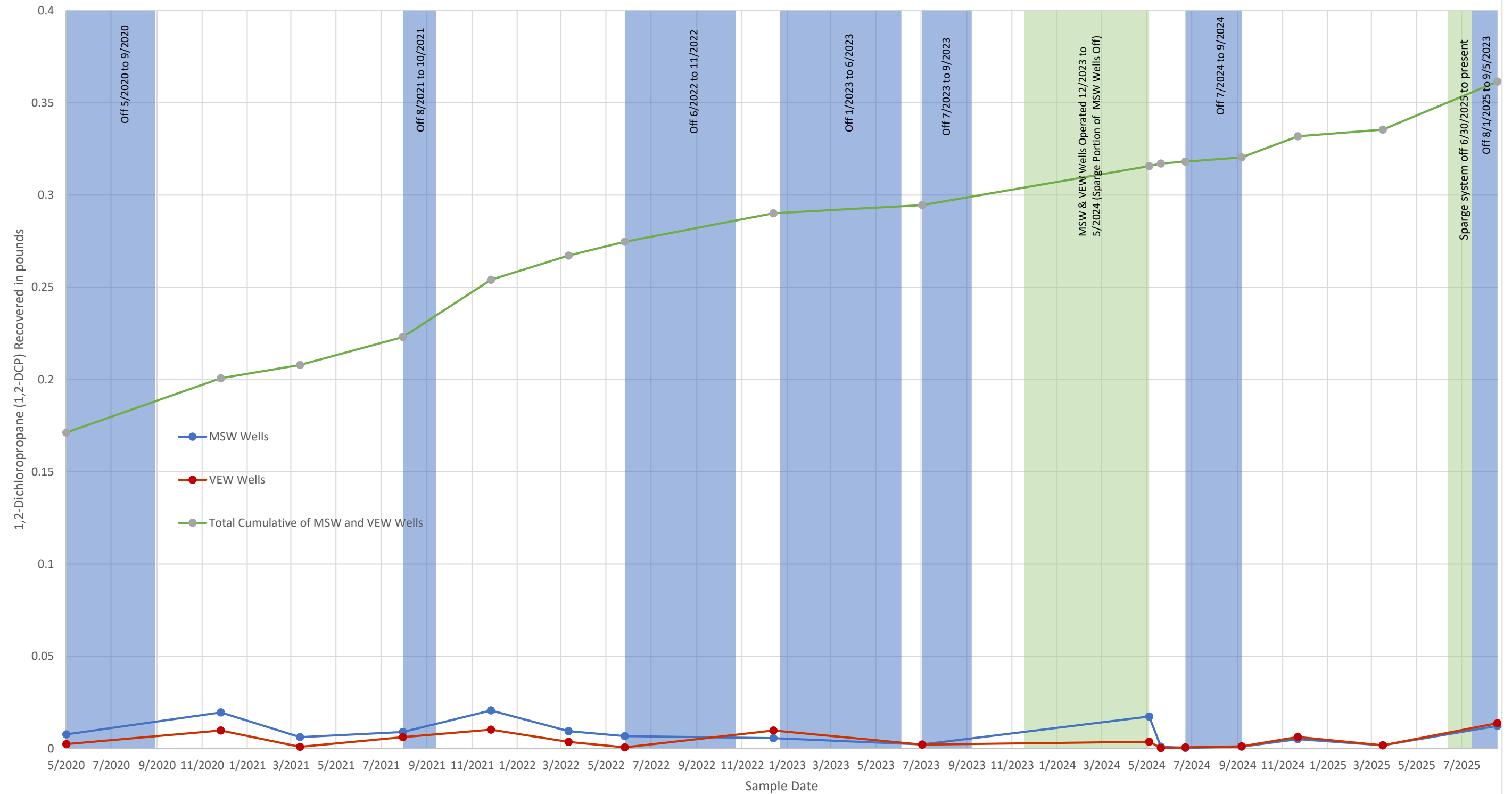
Farallon PN: 301-001

Chart 1
Summary of Laboratory Analytical Results for 1,2-DCP in SVE Influent Air
May 2020 to Septeber 2025
Cenex Harvest State Cooperatives Site
Quincy, Washington
Farallon PN: 301-001



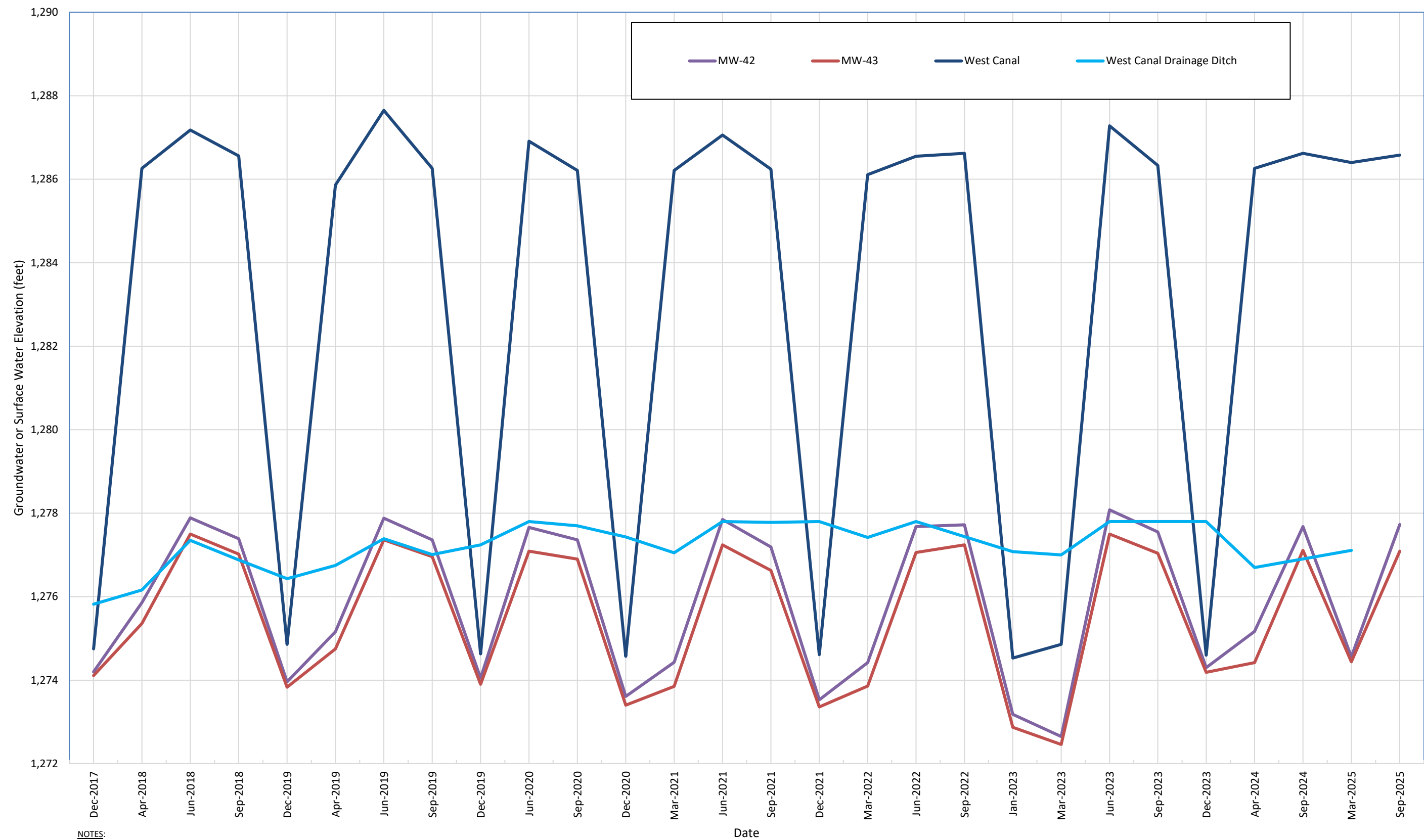
NOTES:
Where not detected, half the detection limit used.
MS/SVE = microsparge/soil vapor extraction
VEW = vapor extraction well

Chart 2
Summary of 1,2-DCP Recovered by MS/SVE System
May 2020 to September 2025
Cenex Harvest States Cooperatives Site
Farallon PN: 301-001



NOTES:
MS/SVE = microsparge/soil vapor extraction
VEW = vapor extraction well

Chart 3
Groundwater and Surface Water Elevations – December 2017 to September 2025
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001



APPENDIX A
LABORATORY ANALYTICAL REPORTS

2025 ANNUAL REPORT
Cenex Harvest States Cooperatives Site
300 Division Street
Quincy, Washington

Farallon PN: 301-001



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 19, 2025

Tracey Mulhern
Farallon Consulting, LLC
1201 Cornwall Avenue, Suite 105
Bellingham, WA 98225

Re: Analytical Data for Project 301-001
Laboratory Reference No. 2509-124

Dear Tracey:

Enclosed are the analytical results and associated quality control data for samples submitted on September 11, 2025.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DeB" followed by a stylized flourish.

David Baumeister
Project Manager

Enclosures



OnSite Environmental, Inc. 14648 NE 95th Street, Redmond, WA 98052 (425) 883-3881

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 19, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-124
Project: 301-001

Case Narrative

Samples were collected on September 8, 9 and 10, 2025 and received by the laboratory on September 11, 2025. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.



Date of Report: September 19, 2025
 Samples Submitted: September 11, 2025
 Laboratory Reference: 2509-124
 Project: 301-001

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-46-090825-P-GW						
Laboratory ID: 09-124-01						
Vinyl Chloride	ND	0.20	EPA 8260D	9-12-25	9-12-25	
Chloroform	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	0.23	0.20	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	92	68-133				
<i>Toluene-d8</i>	101	79-123				
<i>4-Bromofluorobenzene</i>	102	78-117				

Client ID: QAQC-1-090825-P-GW						
Laboratory ID: 09-124-02						
Vinyl Chloride	ND	0.20	EPA 8260D	9-12-25	9-12-25	
Chloroform	0.25	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	0.25	0.20	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	92	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	102	78-117				



Date of Report: September 19, 2025
 Samples Submitted: September 11, 2025
 Laboratory Reference: 2509-124
 Project: 301-001

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-1-090825-P-GW						
Laboratory ID: 09-124-03						
Vinyl Chloride	ND	0.20	EPA 8260D	9-12-25	9-12-25	
Chloroform	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	92	68-133				
<i>Toluene-d8</i>	101	79-123				
<i>4-Bromofluorobenzene</i>	101	78-117				

Client ID: MW-43-090825-P-GW						
Laboratory ID: 09-124-04						
Vinyl Chloride	ND	0.20	EPA 8260D	9-12-25	9-12-25	
Chloroform	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	0.55	0.20	EPA 8260D	9-12-25	9-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	93	68-133				
<i>Toluene-d8</i>	101	79-123				
<i>4-Bromofluorobenzene</i>	101	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-2-090825-P-GW						
Laboratory ID: 09-124-05						
Vinyl Chloride	ND	0.20	EPA 8260D	9-12-25	9-12-25	
Chloroform	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	89	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	100	78-117				

Client ID: MW-44-090825-P-GW						
Laboratory ID: 09-124-06						
Vinyl Chloride	ND	0.20	EPA 8260D	9-12-25	9-12-25	
Chloroform	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	91	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	101	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-9-090825-P-GW						
Laboratory ID: 09-124-07						
Vinyl Chloride	ND	0.20	EPA 8260D	9-12-25	9-12-25	
Chloroform	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	0.23	0.20	EPA 8260D	9-12-25	9-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	92	68-133				
<i>Toluene-d8</i>	101	79-123				
<i>4-Bromofluorobenzene</i>	100	78-117				

Client ID: MW-24-090925-P-GW						
Laboratory ID: 09-124-08						
Vinyl Chloride	ND	0.20	EPA 8260D	9-12-25	9-12-25	
Chloroform	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	1.9	0.20	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	10	0.20	EPA 8260D	9-12-25	9-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	91	68-133				
<i>Toluene-d8</i>	100	79-123				
<i>4-Bromofluorobenzene</i>	102	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: QAQC-2-090925-P-GW						
Laboratory ID: 09-124-09						
Vinyl Chloride	ND	0.20	EPA 8260D	9-12-25	9-12-25	
Chloroform	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	1.9	0.20	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	9.9	0.20	EPA 8260D	9-12-25	9-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	92	68-133				
<i>Toluene-d8</i>	103	79-123				
<i>4-Bromofluorobenzene</i>	104	78-117				

Client ID: MW-47-090925-P-GW						
Laboratory ID: 09-124-10						
Vinyl Chloride	ND	0.20	EPA 8260D	9-12-25	9-12-25	
Chloroform	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	6.8	0.20	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	88	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-8-090925-P-GW						
Laboratory ID: 09-124-11						
Vinyl Chloride	ND	0.20	EPA 8260D	9-12-25	9-12-25	
Chloroform	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	88	68-133				
<i>Toluene-d8</i>	101	79-123				
<i>4-Bromofluorobenzene</i>	98	78-117				

Client ID: MW-48-090925-P-GW						
Laboratory ID: 09-124-12						
Vinyl Chloride	ND	0.20	EPA 8260D	9-12-25	9-12-25	
Chloroform	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	12	0.20	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	88	68-133				
<i>Toluene-d8</i>	101	79-123				
<i>4-Bromofluorobenzene</i>	98	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-3-090925-P-GW						
Laboratory ID: 09-124-13						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	0.43	0.20	EPA 8260D	9-17-25	9-17-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	92	68-133				
<i>Toluene-d8</i>	100	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				

Client ID: MW-36-090925-P-GW						
Laboratory ID: 09-124-14						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	90	68-133				
<i>Toluene-d8</i>	100	79-123				
<i>4-Bromofluorobenzene</i>	98	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-37-090925-P-GW						
Laboratory ID: 09-124-15						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	92	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				

Client ID: MW-16-090925-P-GW						
Laboratory ID: 09-124-16						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	1.8	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	4.2	0.20	EPA 8260D	9-17-25	9-17-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	93	68-133				
<i>Toluene-d8</i>	101	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-38-090925-P-GW						
Laboratory ID: 09-124-17						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	3.8	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	93	68-133				
<i>Toluene-d8</i>	100	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				

Client ID: QAQC-3-090925-P-GW						
Laboratory ID: 09-124-18						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	3.9	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	94	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	98	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-5-090925-P-GW						
Laboratory ID: 09-124-19						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	0.24	0.20	EPA 8260D	9-17-25	9-17-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	95	68-133				
<i>Toluene-d8</i>	101	79-123				
<i>4-Bromofluorobenzene</i>	100	78-117				

Client ID: MW-39-090925-P-GW						
Laboratory ID: 09-124-20						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	93	68-133				
<i>Toluene-d8</i>	101	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-7-090925-P-GW						
Laboratory ID: 09-124-21						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	1.4	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	0.44	0.20	EPA 8260D	9-17-25	9-17-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	97	68-133				
<i>Toluene-d8</i>	100	79-123				
<i>4-Bromofluorobenzene</i>	100	78-117				

Client ID: MW-40-090925-P-GW						
Laboratory ID: 09-124-22						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	96	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	100	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-13-090925-P-GW						
Laboratory ID: 09-124-23						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloropropane	1.8	0.20	EPA 8260D	9-17-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2,3-Trichloropropane	3.8	0.20	EPA 8260D	9-17-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	95	68-133				
<i>Toluene-d8</i>	100	79-123				
<i>4-Bromofluorobenzene</i>	98	78-117				

Client ID: MW-45-090925-P-GW						
Laboratory ID: 09-124-24						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloropropane	0.31	0.20	EPA 8260D	9-17-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2,3-Trichloropropane	0.35	0.20	EPA 8260D	9-17-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	95	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-6-090925-P-GW						
Laboratory ID: 09-124-25						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloropropane	1.1	0.20	EPA 8260D	9-17-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2,3-Trichloropropane	0.80	0.20	EPA 8260D	9-17-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	96	68-133				
<i>Toluene-d8</i>	98	79-123				
<i>4-Bromofluorobenzene</i>	98	78-117				

Client ID: MW-42-091025-P-GW						
Laboratory ID: 09-124-26						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2,3-Trichloropropane	0.59	0.20	EPA 8260D	9-17-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	94	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-21-091025-P-GW						
Laboratory ID: 09-124-27						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	92	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	97	78-117				

Client ID: MW-41-091025-P-GW						
Laboratory ID: 09-124-28						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloropropane	0.69	0.20	EPA 8260D	9-17-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2,3-Trichloropropane	0.33	0.20	EPA 8260D	9-17-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	93	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-28-091025-P-GW						
Laboratory ID: 09-124-29						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloropropane	8.7	0.20	EPA 8260D	9-17-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2,3-Trichloropropane	0.32	0.20	EPA 8260D	9-17-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	93	68-133				
<i>Toluene-d8</i>	100	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				

Client ID: MW-30-091025-P-GW						
Laboratory ID: 09-124-30						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-18-25	
Chloroform	0.21	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloropropane	0.48	0.20	EPA 8260D	9-17-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2,3-Trichloropropane	0.34	0.20	EPA 8260D	9-17-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	95	68-133				
<i>Toluene-d8</i>	98	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-12-091025-P-GW						
Laboratory ID: 09-124-31						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	93	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	98	78-117				

Client ID: MW-31-091025-P-GW						
Laboratory ID: 09-124-32						
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dichloropropane	5.6	0.20	EPA 8260D	9-17-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-18-25	
1,2,3-Trichloropropane	0.86	0.20	EPA 8260D	9-17-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	91	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	100	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-32-091025-P-GW						
Laboratory ID: 09-124-33						
Vinyl Chloride	ND	0.20	EPA 8260D	9-18-25	9-18-25	
Chloroform	0.42	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	90	68-133				
<i>Toluene-d8</i>	98	79-123				
<i>4-Bromofluorobenzene</i>	98	78-117				

Client ID: MW-17-091025-P-GW						
Laboratory ID: 09-124-34						
Vinyl Chloride	ND	0.20	EPA 8260D	9-18-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloropropane	2.1	0.20	EPA 8260D	9-18-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2,3-Trichloropropane	2.8	0.20	EPA 8260D	9-18-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	92	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	95	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-33-091025-P-GW						
Laboratory ID: 09-124-35						
Vinyl Chloride	ND	0.20	EPA 8260D	9-18-25	9-18-25	
Chloroform	0.23	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	88	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	97	78-117				

Client ID: MW-15-091025-P-GW						
Laboratory ID: 09-124-36						
Vinyl Chloride	ND	0.20	EPA 8260D	9-18-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	88	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	98	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-29-091025-P-GW						
Laboratory ID: 09-124-37						
Vinyl Chloride	ND	0.20	EPA 8260D	9-18-25	9-18-25	
Chloroform	0.29	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloropropane	0.38	0.20	EPA 8260D	9-18-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	87	68-133				
<i>Toluene-d8</i>	100	79-123				
<i>4-Bromofluorobenzene</i>	97	78-117				

Client ID: MW-11-091025-P-GW						
Laboratory ID: 09-124-38						
Vinyl Chloride	ND	0.20	EPA 8260D	9-18-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2,3-Trichloropropane	0.27	0.20	EPA 8260D	9-18-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	88	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	96	78-117				



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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-25-091025-P-GW						
Laboratory ID: 09-124-39						
Vinyl Chloride	ND	0.20	EPA 8260D	9-18-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloropropane	4.5	0.20	EPA 8260D	9-18-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2,3-Trichloropropane	0.79	0.20	EPA 8260D	9-18-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	86	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	98	78-117				

Client ID: MW-20-091025-P-GW						
Laboratory ID: 09-124-40						
Vinyl Chloride	ND	0.20	EPA 8260D	9-18-25	9-18-25	
Chloroform	0.67	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloropropane	1.3	0.20	EPA 8260D	9-18-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	82	68-133				
<i>Toluene-d8</i>	100	79-123				
<i>4-Bromofluorobenzene</i>	95	78-117				



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VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW-26-091025-P-GW						
Laboratory ID:	09-124-41					
Vinyl Chloride	ND	0.20	EPA 8260D	9-18-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloropropane	0.42	0.20	EPA 8260D	9-18-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2,3-Trichloropropane	0.25	0.20	EPA 8260D	9-18-25	9-18-25	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	87	68-133				
Toluene-d8	98	79-123				
4-Bromofluorobenzene	98	78-117				
Client ID: TB-072625						
Laboratory ID:	09-124-44					
Vinyl Chloride	ND	0.20	EPA 8260D	9-18-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	92	68-133				
Toluene-d8	98	79-123				
4-Bromofluorobenzene	97	78-117				



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**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912W1					
Vinyl Chloride	ND	0.20	EPA 8260D	9-12-25	9-12-25	
Chloroform	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-12-25	9-12-25	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	97	68-133				
Toluene-d8	102	79-123				
4-Bromofluorobenzene	102	78-117				
Laboratory ID:	MB0917W1					
Vinyl Chloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	92	68-133				
Toluene-d8	98	79-123				
4-Bromofluorobenzene	100	78-117				
Laboratory ID:	MB0918W1					
Vinyl Chloride	ND	0.20	EPA 8260D	9-18-25	9-18-25	
Chloroform	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-18-25	9-18-25	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	91	68-133				
Toluene-d8	100	79-123				
4-Bromofluorobenzene	98	78-117				



Date of Report: September 19, 2025
 Samples Submitted: September 11, 2025
 Laboratory Reference: 2509-124
 Project: 301-001

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0912W1									
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	10.3	11.3	10.0	10.0	103	113	67-131	9	16	
Chloroform	10.2	10.2	10.0	10.0	102	102	72-125	0	15	
1,2-Dichloroethane	10.1	11.3	10.0	10.0	101	113	74-128	11	15	
1,2-Dichloropropane	10.7	11.2	10.0	10.0	107	112	80-124	5	15	
1,1,2-Trichloroethane	11.0	10.8	10.0	10.0	110	108	80-122	2	15	
1,2-Dibromoethane	10.3	10.5	10.0	10.0	103	105	82-127	2	15	
1,2,3-Trichloropropane	10.9	10.8	10.0	10.0	109	108	67-123	1	15	
Surrogate:										
Dibromofluoromethane					96	96	68-133			
Toluene-d8					104	101	79-123			
4-Bromofluorobenzene					104	105	78-117			
Laboratory ID:	SB0917W1									
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	11.2	11.2	10.0	10.0	112	112	67-131	0	16	
Chloroform	10.2	10.4	10.0	10.0	102	104	72-125	2	15	
1,2-Dichloroethane	10.5	10.7	10.0	10.0	105	107	74-128	2	15	
1,2-Dichloropropane	11.0	10.8	10.0	10.0	110	108	80-124	2	15	
1,1,2-Trichloroethane	11.1	11.0	10.0	10.0	111	110	80-122	1	15	
1,2-Dibromoethane	10.4	10.3	10.0	10.0	104	103	82-127	1	15	
1,2,3-Trichloropropane	9.48	9.63	10.0	10.0	95	96	67-123	2	15	
Surrogate:										
Dibromofluoromethane					89	91	68-133			
Toluene-d8					99	99	79-123			
4-Bromofluorobenzene					102	99	78-117			
Laboratory ID:	SB0918W1									
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	10.1	9.94	10.0	10.0	101	99	67-131	2	16	
Chloroform	11.2	11.1	10.0	10.0	112	111	72-125	1	15	
1,2-Dichloroethane	11.1	11.1	10.0	10.0	111	111	74-128	0	15	
1,2-Dichloropropane	11.5	11.6	10.0	10.0	115	116	80-124	1	15	
1,1,2-Trichloroethane	11.9	12.2	10.0	10.0	119	122	80-122	2	15	
1,2-Dibromoethane	11.0	11.1	10.0	10.0	110	111	82-127	1	15	
1,2,3-Trichloropropane	10.4	10.5	10.0	10.0	104	105	67-123	1	15	
Surrogate:										
Dibromofluoromethane					88	90	68-133			
Toluene-d8					100	99	79-123			
4-Bromofluorobenzene					99	99	78-117			



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This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 19, 2025
 Samples Submitted: September 11, 2025
 Laboratory Reference: 2509-124
 Project: 301-001

VOLATILE ORGANICS EPA 8260D

Matrix: Air
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: ECF1E-091025-P-A						
Laboratory ID: 09-124-42						
Vinyl Chloride	ND	1.0	EPA 8260D	9-12-25	9-12-25	
Chloroform	ND	1.0	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	1.0	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	ND	1.0	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	1.0	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	1.0	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	ND	1.0	EPA 8260D	9-12-25	9-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>78-117</i>				



Date of Report: September 19, 2025
 Samples Submitted: September 11, 2025
 Laboratory Reference: 2509-124
 Project: 301-001

VOLATILE ORGANICS EPA 8260D

Matrix: Air
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: AAE-091025-P-A						
Laboratory ID: 09-124-43						
Vinyl Chloride	ND	1.0	EPA 8260D	9-12-25	9-12-25	
Chloroform	ND	1.0	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	1.0	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	ND	1.0	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	1.0	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	1.0	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	ND	1.0	EPA 8260D	9-12-25	9-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>78-117</i>				



Date of Report: September 19, 2025
 Samples Submitted: September 11, 2025
 Laboratory Reference: 2509-124
 Project: 301-001

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Air
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912A1					
Vinyl Chloride	ND	1.0	EPA 8260D	9-12-25	9-12-25	
Chloroform	ND	1.0	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloroethane	ND	1.0	EPA 8260D	9-12-25	9-12-25	
1,2-Dichloropropane	ND	1.0	EPA 8260D	9-12-25	9-12-25	
1,1,2-Trichloroethane	ND	1.0	EPA 8260D	9-12-25	9-12-25	
1,2-Dibromoethane	ND	1.0	EPA 8260D	9-12-25	9-12-25	
1,2,3-Trichloropropane	ND	1.0	EPA 8260D	9-12-25	9-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>103</i>	<i>78-117</i>				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE						
Laboratory ID:	09-124-43					
	ORIG	DUP				
Vinyl Chloride	ND	ND			NA 30	
Chloroform	ND	ND			NA 30	
1,2-Dichloroethane	ND	ND			NA 30	
1,2-Dichloropropane	ND	ND			NA 30	
1,1,2-Trichloroethane	ND	ND			NA 30	
1,2-Dibromoethane	ND	ND			NA 30	
1,2,3-Trichloropropane	ND	ND			NA 30	
<i>Surrogate:</i>						
<i>Dibromofluoromethane</i>			100 96	68-133		
<i>Toluene-d8</i>			101 99	79-123		
<i>4-Bromofluorobenzene</i>			106 103	78-117		





Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
- X2 - Sample extract treated with a silica gel cleanup procedure.
- Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
- Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference





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Chain of Custody

Page 1 of 5

Company: FLN		Turnaround Request (in working days)		Laboratory Number: 09-124															
Project Number: 301-001		(Check One)																	
Project Name: CHS Quincy		☐ Same Day ☐ 1 Day ☐ 2 Days ☐ 3 Days ☒ Standard (7 Days)																	
Project Manager: T. Mulhern		☐ _____ (other)																	
Sampled by: L. Robert, D. Blackwell																			
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers														
1	MW-46-040825-P-6W	04/06/25	1312	H ₂ O	3														
2	Qa dc-1-040825-P-6W		1313																
3	MW-1-040825-P-6W		1322																
4	MW-43-040825-P-6W		1352																
5	MW-2-040825-P-6W		1413		2														
6	MW-44-040825-P-6W		1439																
7	MW-9-040825-P-6W		1509																
8	MW-24-040825-P-6W	04/06/25	0843																
9	Qa dc-2-040825-P-6W		0843																
10	MW-42-040825-P-6W		0844																
Signature: <i>[Signature]</i>		Company: FLN		Date: 04/11/25		Time: 1305		Comments/Special Instructions											
Relinquished								only analysis for: 1,2,3 trichloroethane											
Received		<i>[Signature]</i>						chloroform											
Relinquished								1,2,4-bromodichloroethane											
Received								1,2-dichloroethane											
Relinquished								1,2-dichloropropane											
Received								1,1,2-trichloroethane											
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Chain of Custody

Page 2 of 5

Company: <u>FLN</u>			Turnaround Request (in working days)			Laboratory Number: <u>09-124</u>												
Project Number: <u>301-001</u>			(Check One)															
Project Name: <u>See page 1</u>			☐ Same Day	☐ 1 Day														
Project Manager:			☐ 2 Days	☐ 3 Days														
Sampled by: <u>[Signature]</u>			☒ Standard (7 Days)															
			☐ _____ (other)															
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers													
11	MW-8-040425-P-6W	04/04/25	0635	H ₂ O	3													
12	MW-48-040425-P-6W		0638															
13	MW-3-040425-P-6W		1012															
14	MW-36-040425-P-6W		1012															
15	MW-37-040425-P-6W		1047															
16	MW-16-040425-P-6W		1058															
17	MW-38-040425-P-6W		1143															
18	QAQC-3-040425-P-6W		1145															
19	MW-5-040425-P-6W		1215															
20	MW-34-040425-P-6W		1255															
Signature: <u>[Signature]</u>		Company: <u>FLN</u>		Date: <u>04/11/25</u>	Time: <u>1305</u>	Comments/Special Instructions: <u>See page 1</u>												
Relinquished		Relinquished																
Received		Received																
Relinquished		Relinquished																
Received		Received																
Relinquished		Relinquished																
Received		Received																
Relinquished		Relinquished																
Reviewed/Date		Reviewed/Date				Data Package: Standard ☐ Level III ☐ Level IV ☐												
						Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐												



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Chain of Custody

Page 3 of 5

Turnaround Request (in working days)				Laboratory Number: 09-124														
(Check One)																		
☐ Same Day ☐ 1 Day																		
☐ 2 Days ☐ 3 Days																		
☒ Standard (7 Days)																		
☐ _____ (other)																		
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers													
21	MW-7-090925-P-6W	09/09/25	1306	H2g	3													
22	MW-40-090925-P-6W		1330															
23	MW-13-090925-P-6W		1400															
24	MW-45-090925-P-6W		1413															
25	MW-6-090925-P-6W		1436															
26	MW-42-091025-P-6W	09/10/25	0829															
27	MW-21-091025-P-6W		0851															
28	MW-41-091025-P-6W		0916															
29	MW-28-091025-P-6W		0957															
30	MW-30-091025-P-6W		1016															
Signature		Company		Date	Time	Comments/Special Instructions												
RUCET		FLN		09/11/25	1305	See page 1												
Muellegger		OSE		09/11/25	1307													
Received		Received		Data Package: Standard ☐ Level III ☐ Level IV ☐		Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐												
Reviewed/Date		Reviewed/Date																



Page 4 of 5

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Company: FLN		Turnaround Request (in working days)		Laboratory Number: 09-124																	
Project Number: 3c1-cc1		☐ Same Day ☐ 1 Day ☐ 2 Days ☐ 3 Days ☒ Standard (7 Days)																			
Project Name: See page 1		☐ (other)																			
Project Manager:																					
Sampled by: FLN																					
Lab ID		Sample Identification		Date Sampled		Time Sampled		Matrix		Number of Containers											
31		MW-12-041025-P-6W		04/10/25		1054		H2O		3											
32		MW-31-041025-P-6W				1058															
33		MW-32-041025-P-6W				1141															
34		MW-17-041025-P-6W				1150															
35		MW-33-041025-P-6W				1204															
36		MW-15-041025-P-6W				1330															
37		MW-29-041025-P-6W				1334															
38		MW-11-041025-P-6W				1406															
39		MW-25-041025-P-6W				1417															
40		MW-20-041025-P-6W				1513															
Relinquished		Signature FLN		Company FLN		Date 04/11/25		Time 1305		Comments/Special Instructions See page 1											
Received		Nicholas Jones		QJE		04/11/25		1305													
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Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Page 5 of 5

Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.on-site-env.com					
Company:		FLN			
Project Number:		3-1-CC1			
Project Name:		See page 1			
Project Manager:					
Sampled by:		↓			
Turnaround Request (in working days)		(Check One)			
		☐ Same Day ☐ 1 Day ☐ 2 Days ☐ 3 Days ☒ Standard (7 Days)			
Date Sampled		Time Sampled		Matrix	
Lab ID		Sample Identification			
Y1	MW-26-CFID25-P-6W	08/10/25	1524	H2O	3
Y2	E(FIE)-CFID25-P-A		1538	Air ↓	1
Y3	AAE-CFID25-P-A		1540	↓	1
Y4	TB-072215		N/A	H2O	3
Number of Containers					
NWTPH-HCID					
NWTPH-Gx/BTEX (8021 ☐ 8260 ☐)					
NWTPH-Gx					
NWTPH-Dx (SG Clean-up ☐)					
Volatiles 8260					
Halogenated Volatiles 8260					
EDB EPA 8011 (Waters Only)					
Semivolatiles 8270/SIM (with low-level PAHs)					
PAHs 8270/SIM (low-level)					
PCBs 8082					
Organochlorine Pesticides 8081					
Organophosphorus Pesticides 8270/SIM					
Chlorinated Acid Herbicides 8151					
Total RCRA Metals					
Total MTCA Metals					
TCLP Metals					
HEM (oil and grease) 1664					
% Moisture					
Signature		Company		Date	
Relinquished		FLN		08/11/25	
Received		DSE		1305	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date		Reviewed/Date		Data Package: Standard ☐ Level III ☐ Level IV ☐	
				Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐	
Comments/Special Instructions					
See page 1					

Analytical Report

9/23/2025

Ms. Tracey Mulhern
Farallon Consulting, LLC
1201 Cornwall Avenue
Suite 105
Bellingham WA 98225

Project Name: Cenex Quincy
Project #: 301-001
Workorder #: 2509224

Dear Ms. Tracey Mulhern

The following report includes the data for the above referenced project for sample(s) received on 9/9/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Monica Tran at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Monica Tran
Project Manager

WORK ORDER #: 2509224

Work Order Summary

CLIENT:	Ms. Tracey Mulhern Farallon Consulting, LLC 1201 Cornwall Avenue Suite 105 Bellingham, WA 98225	BILL TO:	Accounts Payable Farallon Consulting, LLC 975 Fifth Avenue NW Issaquah, WA 98027-3333
PHONE:	360.527.0241	P.O. #	301-001
FAX:	360.527.0243	PROJECT #	301-001 Cenex Quincy
DATE RECEIVED:	09/09/2025	CONTACT:	Monica Tran
DATE COMPLETED:	09/23/2025		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	VEW-090525-P-A	TO-15	10 "Hg	1.9 psi
01B	VEW-090525-P-A	TO-15	10 "Hg	1.9 psi
02A	MSW-090525-P-A	TO-15	7.3 "Hg	1.9 psi
02B	MSW-090525-P-A	TO-15	7.3 "Hg	1.9 psi
03A	Lab Blank	TO-15	NA	NA
03B	Lab Blank	TO-15	NA	NA
04A	CCV	TO-15	NA	NA
04B	CCV	TO-15	NA	NA
05A	LCS	TO-15	NA	NA
05AA	LCSD	TO-15	NA	NA
05B	LCS	TO-15	NA	NA
05BB	LCSD	TO-15	NA	NA

CERTIFIED BY:



Technical Director

DATE: 09/23/25

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP-02089, MN NELAP-2836569, NH NELAP-209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21

Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000

LABORATORY NARRATIVE
EPA Method TO-15 (Hybrid)
Farallon Consulting, LLC
Workorder# 2509224

Two 6 Liter Summa Canister (100% Certified) samples were received on September 09, 2025. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the Full Scan and SIM acquisition modes.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Ten qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

M - Reported value may be biased due to apparent matrix interferences.

CN - See Case Narrative.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds

EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VEW-090525-P-A

Lab ID#: 2509224-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloropropane	0.84	10	3.9	46

Client Sample ID: VEW-090525-P-A

Lab ID#: 2509224-01B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.084	0.60	0.22	1.5
1,2,3-Trichloropropane	0.084	0.20	0.51	1.2

Client Sample ID: MSW-090525-P-A

Lab ID#: 2509224-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloropropane	0.74	4.1	3.4	19

Client Sample ID: MSW-090525-P-A

Lab ID#: 2509224-02B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.074	0.23	0.19	0.60



Air Toxics

Client Sample ID: VEW-090525-P-A

Lab ID#: 2509224-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3091918	Date of Collection:	9/5/25 12:09:00 PM
Dil. Factor:	1.69	Date of Analysis:	9/19/25 08:49 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloropropane	0.84	10	3.9	46

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	99	70-130



Air Toxics

Client Sample ID: VEW-090525-P-A

Lab ID#: 2509224-01B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3091918sim	Date of Collection:	9/5/25 12:09:00 PM
Dil. Factor:	1.69	Date of Analysis:	9/19/25 08:49 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.084	0.60	0.22	1.5
Chloroform	0.17	Not Detected	0.82	Not Detected
1,2-Dichloroethane	0.17	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.084	Not Detected	0.46	Not Detected
1,2-Dibromoethane (EDB)	0.034	Not Detected	0.26	Not Detected
1,2,3-Trichloropropane	0.084	0.20	0.51	1.2

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	99	70-130



Air Toxics

Client Sample ID: MSW-090525-P-A

Lab ID#: 2509224-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3091913	Date of Collection:	9/5/25 11:45:00 PM
Dil. Factor:	1.49	Date of Analysis:	9/19/25 03:14 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloropropane	0.74	4.1	3.4	19

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: MSW-090525-P-A

Lab ID#: 2509224-02B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3091913sim	Date of Collection: 9/5/25 11:45:00 PM
Dil. Factor:	1.49	Date of Analysis: 9/19/25 03:14 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.074	0.23	0.19	0.60
Chloroform	0.15	Not Detected	0.73	Not Detected
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
1,1,2-Trichloroethane	0.074	Not Detected	0.41	Not Detected
1,2-Dibromoethane (EDB)	0.030	Not Detected	0.23	Not Detected
1,2,3-Trichloropropane	0.074	Not Detected	0.45	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2509224-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3091906a	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/19/25 10:38 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2509224-03B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 3091906sime
Dil. Factor: 1.00

Date of Collection: NA
Date of Analysis: 9/19/25 10:38 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.050	Not Detected	0.13	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
1,1,2-Trichloroethane	0.050	Not Detected	0.27	Not Detected
1,2-Dibromoethane (EDB)	0.020	Not Detected	0.15	Not Detected
1,2,3-Trichloropropane	0.050	Not Detected	0.30	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 2509224-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3091903	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/19/25 09:19 AM

Compound	%Recovery
----------	-----------

1,2-Dichloropropane	104
---------------------	-----

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	102	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 2509224-04B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3091903sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/19/25 09:19 AM

Compound	%Recovery
Vinyl Chloride	100
Chloroform	100
1,2-Dichloroethane	102
1,1,2-Trichloroethane	100
1,2-Dibromoethane (EDB)	97
1,2,3-Trichloropropane	98

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 2509224-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3091904	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/19/25 09:45 AM

Compound	%Recovery	Method Limits
1,2-Dichloropropane	100	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	102	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 2509224-05AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3091905	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/19/25 10:10 AM

Compound	%Recovery	Method Limits
1,2-Dichloropropane	101	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 2509224-05B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3091904sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/19/25 09:45 AM

Compound	%Recovery	Method Limits
Vinyl Chloride	102	70-130
Chloroform	96	70-130
1,2-Dichloroethane	101	70-130
1,1,2-Trichloroethane	101	70-130
1,2-Dibromoethane (EDB)	96	70-130
1,2,3-Trichloropropane	93	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 2509224-05BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3091905sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/19/25 10:10 AM

Compound	%Recovery	Method Limits
Vinyl Chloride	102	70-130
Chloroform	97	70-130
1,2-Dichloroethane	100	70-130
1,1,2-Trichloroethane	100	70-130
1,2-Dibromoethane (EDB)	96	70-130
1,2,3-Trichloropropane	92	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	101	70-130

Method : TO-15 (Hybrid) (Sp)-Farallon (Cenex Quincy)

CAS Number	Compound	Rpt. Limit (ppbv)
75-01-4	Vinyl Chloride	0.050
67-66-3	Chloroform	0.10
107-06-2	1,2-Dichloroethane	0.10
78-87-5	1,2-Dichloropropane	0.50
79-00-5	1,1,2-Trichloroethane	0.050
106-93-4	1,2-Dibromoethane (EDB)	0.020
96-18-4	1,2,3-Trichloropropane	0.050

	Surrogate	Method Limits
2037-26-5	Toluene-d8	70-130
17060-07-0	1,2-Dichloroethane-d4	70-130
460-00-4	4-Bromofluorobenzene	70-130



Air Toxics

Eurofins Environment Testing Northern California, LLC
180 Blue Ravine Rd, Suite B, Folsom, CA 95630
Phone (800) 985-5955; Fax (916) 351-8279

Workorder #:

2509224

Analysis Request / Canister Chain of Custody

Instructions

If no TAT is marked,
EATL will proceed
with Standard TAT

page 1 of 1

Client: Farallon

Site Name: Cenex Quincy

Project Manager: Tracey Mulhern

Sampler: Jessica Vinson

Project Name: Cenex Quincy

Project #: 301-001

PO#: 301-001

Turnaround Time (Specify Below)

Standard ☒ Rush ☐ (Surcharges will apply, per availability)

Samples received after 3pm PST are considered to be received on the following working day.

Requested Date (mm/dd/yyyy):

OR Number of Days:

Requested Analyses

Canister Vacuum/Pressure

Lab Use Only

Lab ID

Field Sample Identification (Location)

Canister Barcode #

Flow Controller Barcode #

Start Sampling Information

Stop Sampling Information

Initial (in Hg)

Final (in Hg)

Receipt (in Hg)

Final (in psi)
Gas: N2 / He

01N VEU-090525-P-A

6L0466

2231

09/05/25 11:40

09/05/25 12:09

28.5

5.0

26.5

5.0

01A MSU-090525-P-A

6L2488

2436

09/05/25 12:11

09/05/25 12:45

26.5

5.0

24.5

5.0

Special Instructions/Notes:

* Chloroform, 1,2-dibromochloroethane, 1,2-dichloroethane, 1,1,2-trichloropropane, 1,1,2-trichloroethane, 1,2,3-trichloropropane, vinyl chloride

Relinquished by: (Signature/Affiliation)

Farallon

Date

09/05/25 16:15

Received by: (Signature/Affiliation)

AD EATL

Date

9/9/25

Time

9:30

Relinquished by: (Signature/Affiliation)

Farallon

Date

09/05/25 16:15

Received by: (Signature/Affiliation)

AD EATL

Date

9/9/25

Time

9:30

Relinquished by: (Signature/Affiliation)

Farallon

Date

09/05/25 16:15

Received by: (Signature/Affiliation)

AD EATL

Date

9/9/25

Time

9:30

Shipper Name:

Fedex

Custody Seals Intact?

Yes

No

Condition:

None

Date

9/9/25

Time

9:30

Sample Transportation Notice: Relinquishing signature on this document indicates that samples are shipped in compliance with all applicable local, State, Federal, and International laws, regulations, and ordinances of any kind. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Eurofins Air Toxics against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

APPENDIX B
MARCH/APRIL 2025 FIGURES

2025 ANNUAL REPORT
Cenex Harvest States Cooperatives Site
300 Division Street
Quincy, Washington

Farallon PN: 301-001



LEGEND

MONITORING WELL (SHALLOW)

WEST CANAL SURVEYED MEASURING POINT

WEST CANAL DRAINAGE DITCH SURVEYED MEASURING POINT

DOMESTIC WELL

WEST CANAL/DRAINAGE DITCH FLOW DIRECTION

CULVERT

CHS PROPERTY BOUNDARY

GRANT COUNTY PARCEL BOUNDARY

WEST CANAL DRAINAGE DITCH

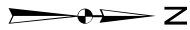
GROUNDWATER ELEVATION MEASURED IN FEET RELATIVE TO NORTH AMERICAN VERTICAL DATUM 1988

[1,286.62] SURFACE WATER ELEVATION

NM GROUNDWATER ELEVATION NOT MEASURED

1,281.00 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)

APPROXIMATE DIRECTION OF SHALLOW GROUNDWATER FLOW



0 250
SCALE IN FEET

1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR.
GRAYSCALE COPIES MAY NOT REPRODUCE ALL ORIGINAL INFORMATION.

FIGURE B1

GROUNDWATER ELEVATION CONTOUR MAP,
MARCH 31, 2025
CENEX HARVEST STATES COOPERATIVES SITE
QUINCY, WASHINGTON
FARALLON PN: 301-001

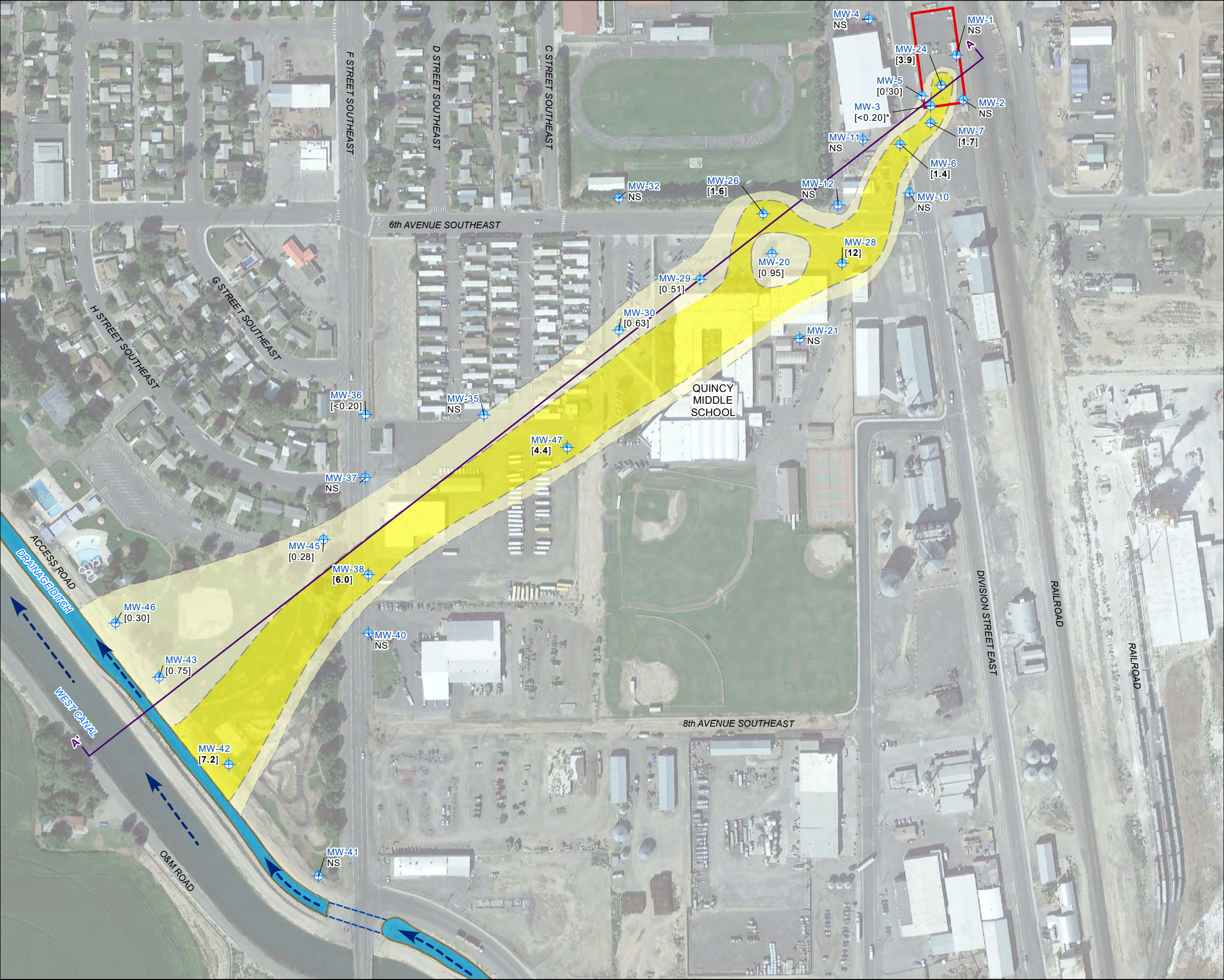
Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Irvine

FARALLON
CONSULTING
Your Challenges. Our Priority. | farallonconsulting.com

Drawn By: ijones Checked By: TM Date: 5/21/2025



LEGEND

- MONITORING WELL (SHALLOW)
- WEST CANAL/DRAINAGE DITCH FLOW DIRECTION
- WEST CANAL DRAINAGE DITCH CULVERT
- CHS PROPERTY BOUNDARY
- WEST CANAL DRAINAGE DITCH
- LINE OF CROSS-SECTION

[0.95] = CONCENTRATIONS OF 1,2-DICHLOROPROPANE (1,2-DCP) IN MICROGRAMS PER LITER (ug/l)

BOLD = INDICATES SAMPLE OR REPORTING LIMIT EXCEED SITE CLEANUP LEVEL OF 1 ug/l

< = INDICATES NOT DETECTED AT OR ABOVE REPORTING LIMIT LISTED

* = RESULT NOT USED FOR ISOCONCENTRATION CONTOURS

NS = WELL NOT SAMPLED

— — — ESTIMATED LIMITS OF 1,2-DCP ARE DASHED WHERE INFERRED

1,2-DCP CONCENTRATION IN ug/l

- 0.20 - 0.99
- 1.0 - 9.9

SCALE IN FEET

1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR.
GRAYSCALE COPIES MAY NOT REPRODUCE ALL ORIGINAL INFORMATION.

FIGURE B2

ISOCONCENTRATION CONTOURS AND GROUNDWATER ANALYTICAL RESULTS FOR 1,2-DCP IN SHALLOW MONITORING WELLS - MARCH 2025
CENEX HARVEST STATES COOPERATIVES SITE
QUINCY, WASHINGTON
FARALLON PN: 301-001

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- LEGEND**
- MONITORING WELL (SHALLOW)
 - WEST CANAL/DRAINAGE DITCH FLOW DIRECTION
 - WEST CANAL DRAINAGE DITCH CULVERT
 - CHS PROPERTY BOUNDARY
 - WEST CANAL DRAINAGE DITCH

A A' LINE OF CROSS-SECTION

[0.85] = CONCENTRATIONS OF 1,2,3-TRICHLOROPROPANE (1,2,3-TCP) IN MICROGRAMS PER LITER (µg/l)

BOLD = INDICATES SAMPLE OR REPORTING LIMIT EXCEED SITE CLEANUP LEVEL OF 1 µg/l

< = INDICATES NOT DETECTED AT OR ABOVE REPORTING LIMIT LISTED

NS = WELL NOT SAMPLED

ESTIMATED LIMITS OF 1,2,3-TCP ARE DASHED WHERE INFERRED

1,2,3-TCP CONCENTRATION IN µg/l

- 0.20 - 0.99
- 1.0 - 9.9
- 10 - 25



0 250
SCALE IN FEET

1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR.
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FIGURE B3

ISOCONCENTRATION CONTOURS AND GROUNDWATER ANALYTICAL RESULTS FOR 1,2,3-TCP IN SHALLOW MONITORING WELLS - MARCH 2025
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LEGEND

- MONITORING WELL (SHALLOW)
- CURRENT SITE FEATURE
- FORMER SITE FEATURE
- CHS PROPERTY BOUNDARY

[0.95] =CONCENTRATIONS OF 1,2-DICHLOROPROPANE (1,2-DCP) IN MICROGRAMS PER LITER (ug/l)

BOLD =INDICATES SAMPLE OR REPORTING LIMIT EXCEED SITE CLEANUP LEVEL OF 1 ug/l

< =INDICATES NOT DETECTED AT OR ABOVE REPORTING LIMIT LISTED

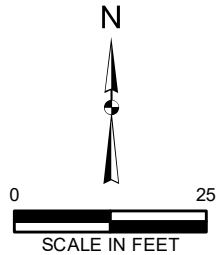
* =RESULT NOT USED FOR ISOCONCENTRATION CONTOURS

NS =WELL NOT SAMPLED

ESTIMATED LIMITS OF 1,2-DCP ARE DASHED WHERE INFERRED

1,2-DCP CONCENTRATION IN ug/l

- 0.20 - 0.99
- 1.0 - 9.9



1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR.
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FIGURE B4
ISOCONCENTRATION CONTOURS AND
GROUNDWATER ANALYTICAL RESULTS
FOR 1,2-DCP
IN SHALLOW MONITORING WELLS IN SOURCE AREA -
MARCH 2025
CENEX HARVEST STATES COOPERATIVES SITE
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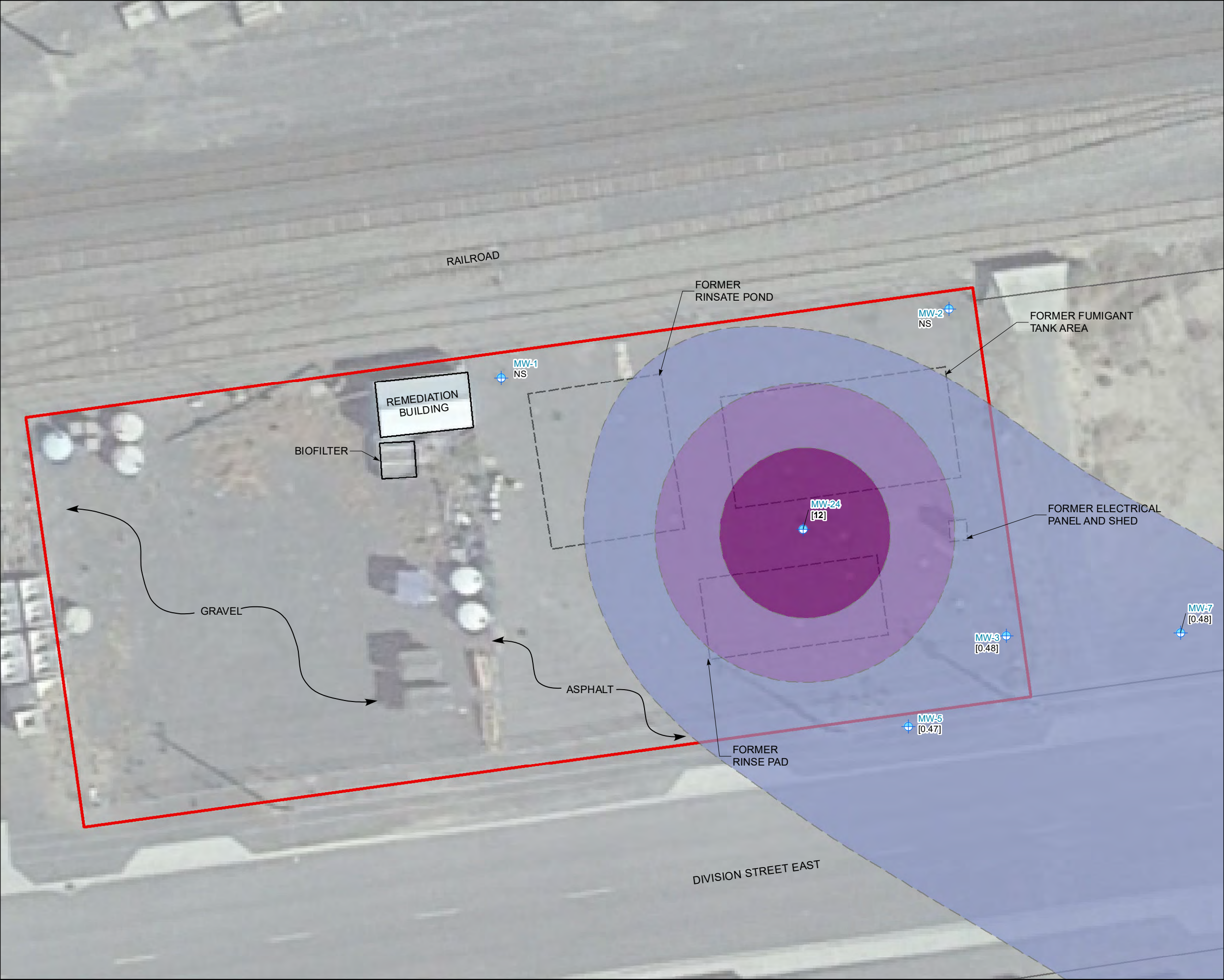
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LEGEND

MONITORING WELL (SHALLOW)

CURRENT SITE FEATURE

FORMER SITE FEATURE

CHS PROPERTY BOUNDARY

[0.48] =CONCENTRATIONS OF
1,2,3-TRICHLOROPROPANE (1,2,3-TCP)
IN MICROGRAMS PER LITER (µg/l)

BOLD =INDICATES SAMPLE OR REPORTING LIMIT
EXCEED SITE CLEANUP LEVEL OF 1 µg/l

< =INDICATES NOT DETECTED AT OR
ABOVE REPORTING LIMIT LISTED

--- ESTIMATED LIMITS OF 1,2,3-TCP
ARE DASHED WHERE INFERRED

1,2,3-TCP CONCENTRATION IN µg/l

0.20 - 0.99

1.0 - 9.9

10 - 25

N

0 25

SCALE IN FEET

1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR.
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FIGURE B5

ISOCONCENTRATION CONTOURS AND
GROUNDWATER ANALYTICAL RESULTS
FOR 1,2,3-TCP
IN SHALLOW MONITORING WELLS IN SOURCE AREA -
MARCH 2025
CENEX HARVEST STATES COOPERATIVES SITE
QUINCY, WASHINGTON
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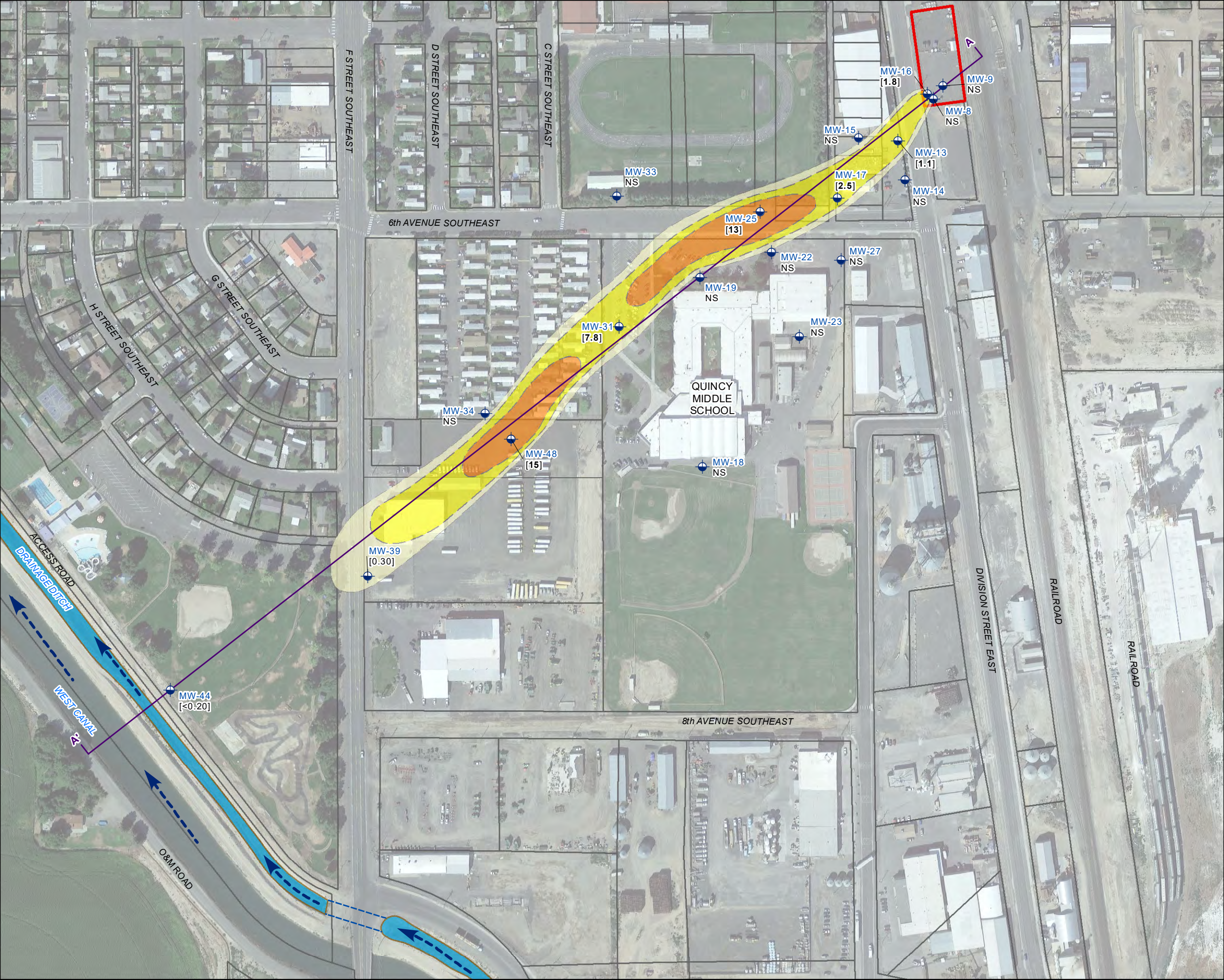
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- LEGEND**
- MONITORING WELL (DEEP)
 - WEST CANAL/DRAINAGE DITCH FLOW DIRECTION
 - WEST CANAL DRAINAGE DITCH CULVERT
 - CHS PROPERTY BOUNDARY
 - WEST CANAL DRAINAGE DITCH

A' A LINE OF CROSS-SECTION

[0.30] = CONCENTRATIONS OF 1,2-DICHLOROPROPANE (1,2-DCP) IN MICROGRAMS PER LITER (µg/l)

BOLD = INDICATES SAMPLE OR REPORTING LIMIT EXCEED SITE CLEANUP LEVEL OF 1 µg/l

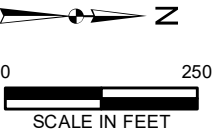
< = INDICATES NOT DETECTED AT OR ABOVE REPORTING LIMIT LISTED

NS = WELL NOT SAMPLED

— — — ESTIMATED LIMITS OF 1,2-DCP ARE DASHED WHERE INFERRED

1,2-DCP CONCENTRATION IN µg/l

- 0.20 - 0.99
- 1.0 - 9.9
- 10.0 - 25.0



1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR.
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FIGURE B6

ISOCONCENTRATION CONTOURS AND GROUNDWATER ANALYTICAL RESULTS FOR 1,2-DCP IN DEEP MONITORING WELLS - MARCH 2025
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- LEGEND**
- MONITORING WELL (DEEP)
 - WEST CANAL/DRAINAGE DITCH FLOW DIRECTION
 - WEST CANAL DRAINAGE DITCH CULVERT
 - CHS PROPERTY BOUNDARY
 - WEST CANAL DRAINAGE DITCH
 - LINE OF CROSS-SECTION

[0.86] = CONCENTRATIONS OF 1,2,3-TRICHLOROPROPANE (1,2,3-TCP) IN MICROGRAMS PER LITER (µg/l)

BOLD = INDICATES SAMPLE OR REPORTING LIMIT EXCEED SITE CLEANUP LEVEL OF 1 µg/l

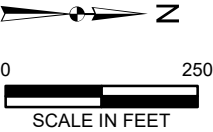
< = INDICATES NOT DETECTED AT OR ABOVE REPORTING LIMIT LISTED

NS = WELL NOT SAMPLED

--- ESTIMATED LIMITS OF 1,2,3-TCP ARE DASHED WHERE INFERRED

1,2,3-TCP CONCENTRATION IN µg/l

- 0.20 - 0.99
- 1.0 - 9.9



1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR.
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FIGURE B7

ISOCONCENTRATION CONTOURS AND GROUNDWATER ANALYTICAL RESULTS FOR 1,2,3-TCP IN DEEP MONITORING WELLS - MARCH 2025
CENEX HARVEST STATES COOPERATIVES SITE
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LEGEND

- MONITORING WELL (DEEP)
- CURRENT SITE FEATURE
- FORMER SITE FEATURE
- CHS PROPERTY BOUNDARY

CONCENTRATIONS OF
[1.8] = 1,2-DICHLOROPROPANE (1,2-DCP)
IN MICROGRAMS PER LITER (µg/l)

NS = NOT SAMPLED

< = INDICATES NOT DETECTED AT OR
ABOVE REPORTING LIMIT LISTED

— — — ESTIMATED LIMITS OF 1,2-DCP
ARE DASHED WHERE INFERRED

1,2-DCP CONCENTRATION IN µg/l

- 0.20 - 0.99
- 1.0 - 9.9

N

0 25
SCALE IN FEET

1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR.
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FIGURE B8

ISOCONCENTRATION CONTOURS AND
GROUNDWATER ANALYTICAL RESULTS
FOR 1,2-DCP
IN DEEP MONITORING WELLS IN SOURCE AREA
MARCH 2025
CENEX HARVEST STATES COOPERATIVES SITE
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LEGEND

- MONITORING WELL (DEEP)
- CURRENT SITE FEATURE
- FORMER SITE FEATURE
- CHS PROPERTY BOUNDARY

[2.8] = CONCENTRATIONS OF 1,2,3-TRICHLOROPROPANE (1,2,3-TCP) IN MICROGRAMS PER LITER (µg/l)

BOLD = INDICATES SAMPLE OR REPORTING LIMIT EXCEED SITE CLEANUP LEVEL OF 1 µg/l

< = INDICATES NOT DETECTED AT OR ABOVE REPORTING LIMIT LISTED

NS = NOT SAMPLED

ESTIMATED LIMITS OF 1,2,3-TCP ARE DASHED WHERE INFERRED

1,2,3-TCP CONCENTRATION IN µg/l

- 0.20 - 0.99
- 1.0 - 9.9

N

0 25

SCALE IN FEET

1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR.
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FIGURE B9

ISOCONCENTRATION CONTOURS AND GROUNDWATER ANALYTICAL RESULTS FOR 1,2,3-TCP IN DEEP MONITORING WELLS IN SOURCE AREA - MARCH 2025

CENEX HARVEST STATES COOPERATIVES SITE

QUINCY, WASHINGTON

FARALLON PN: 301-001



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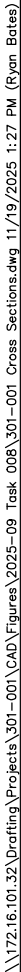
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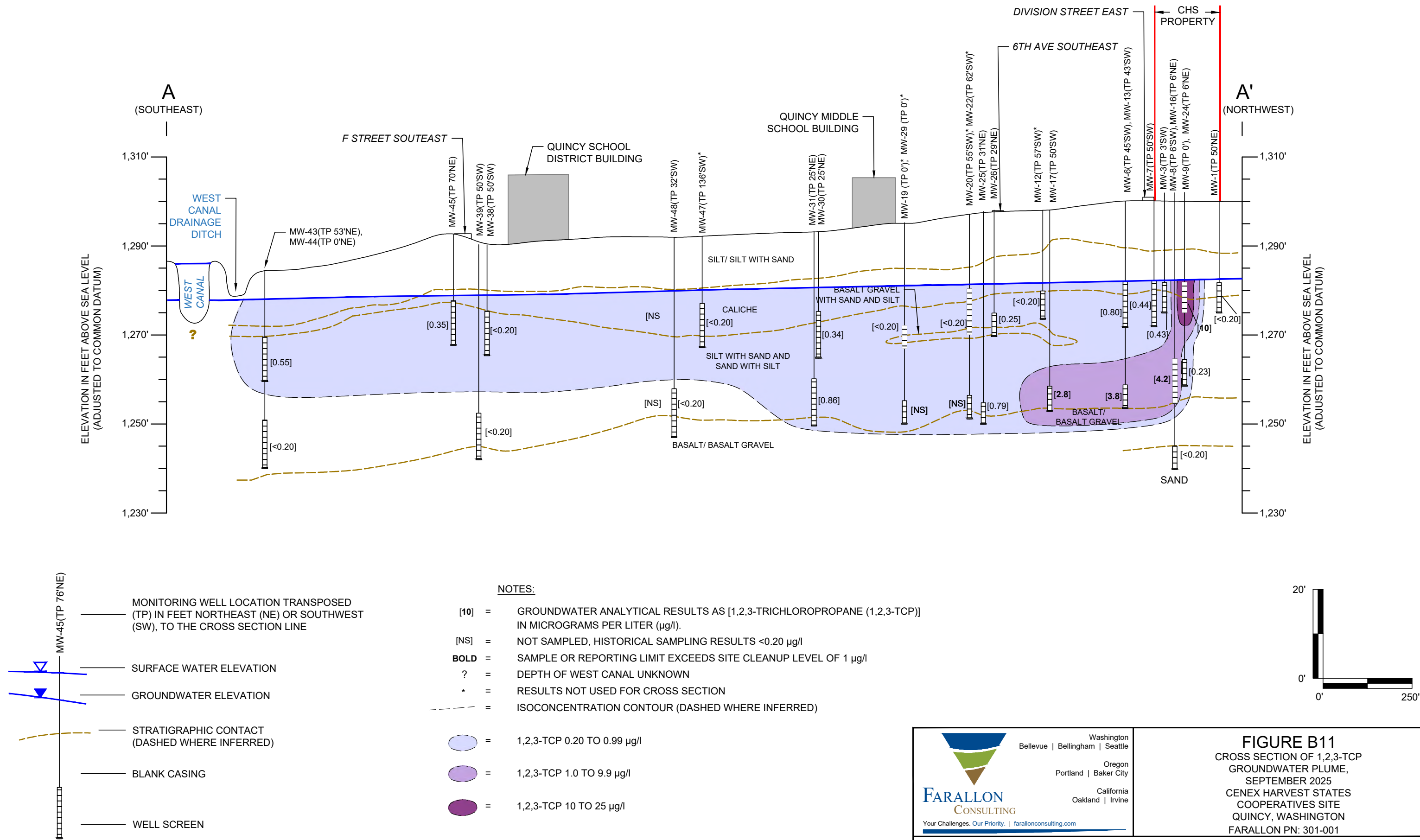
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**APPENDIX C
TREND ANALYSIS**

2025 ANNUAL REPORT
Cenex Harvest States Cooperatives Site
300 Division Street
Quincy, Washington

Farallon PN: 301-001

Table C1
Trend Analysis Summary
Cenex Harvest States Cooperatives Site
Quincy, Washington
Farallon PN: 301-001

Plume Location	Zone	Monitoring Well	1,2-Dichloropropane Trend	1,2,3-Trichloropropane Trend
Source Area	Shallow	MW-24	Decreasing	Decreasing
	Deep	MW-16	Decreasing	Stable (no trend)
Mid-Plume	Shallow	MW-20	Decreasing	Stable (not detected)
		MW-26	Decreasing	Decreasing
		MW-28	Increasing	Increasing
	Deep	MW-25	Decreasing	Decreasing
		MW-31	Decreasing	Decreasing
End of Plume	Shallow	MW-38	Stable (no trend)	Stable (not detected)
		MW-46	Stable (no trend)	Stable (not detected)
	Deep	MW-44	Stable (no trend)	Stable (not detected)

	A	B	C	D	E	F	G	H	I	J	K	L
1				Mann-Kendall Trend Test Analysis								
2	User Selected Options											
3	Date/Time of Computation			ProUCL 5.2 9/30/2025 12:15:54 PM								
4	From File			05_ProUCL_Input_2025-09-30.xls								
5	Full Precision			OFF								
6	Confidence Coefficient			0.95								
7	Level of Significance			0.05								
8												
9	1-2_DCP-mw-16											
10												
11	General Statistics											
12	Number of Events Reported (m)			19								
13	Number of Missing Events			0								
14	Number or Reported Events Used			19								
15	Number Values Reported (n)			19								
16	Minimum			0.9								
17	Maximum			21								
18	Mean			5.547								
19	Geometric Mean			4.009								
20	Median			3.3								
21	Standard Deviation			5.123								
22	Coefficient of Variation			0.923								
23												
24	Mann-Kendall Test											
25	M-K Test Value (S)			-83								
26	Tabulated p-value			0.002								
27	Standard Deviation of S			28.5								
28	Standardized Value of S			-2.877								
29	Approximate p-value			0.00201								
30												
31	Statistically significant evidence of a decreasing											
32	trend at the specified level of significance.											
33	1-2_DCP-mw-20											
34												
35	General Statistics											
36	Number of Events Reported (m)			19								
37	Number of Missing Events			0								
38	Number or Reported Events Used			19								
39	Number Values Reported (n)			19								
40	Minimum			0.2								
41	Maximum			5.1								
42	Mean			2.528								
43	Geometric Mean			2.051								
44	Median			2.3								
45	Standard Deviation			1.405								
46	Coefficient of Variation			0.556								
47												
48	Mann-Kendall Test											
49	M-K Test Value (S)			-66								
50	Tabulated p-value			0.01								
51	Standard Deviation of S			28.57								
52	Standardized Value of S			-2.275								
53	Approximate p-value			0.0114								
54												
55	Statistically significant evidence of a decreasing											
56	trend at the specified level of significance.											

	A	B	C	D	E	F	G	H	I	J	K	L
57	1-2_DCP-mw-24											
58												
59	General Statistics											
60	Number of Events Reported (m)			19								
61	Number of Missing Events			0								
62	Number or Reported Events Used			19								
63	Number Values Reported (n)			19								
64	Minimum			1.9								
65	Maximum			40								
66	Mean			11.76								
67	Geometric Mean			7.52								
68	Median			6								
69	Standard Deviation			11.38								
70	Coefficient of Variation			0.967								
71												
72	Mann-Kendall Test											
73	M-K Test Value (S)			-106								
74	Tabulated p-value			0								
75	Standard Deviation of S			28.57								
76	Standardized Value of S			-3.676								
77	Approximate p-value			1.1858E-4								
78												
79	Statistically significant evidence of a decreasing											
80	trend at the specified level of significance.											
81	1-2_DCP-mw-25											
82												
83	General Statistics											
84	Number of Events Reported (m)			19								
85	Number of Missing Events			0								
86	Number or Reported Events Used			19								
87	Number Values Reported (n)			19								
88	Minimum			3.9								
89	Maximum			24								
90	Mean			13.65								
91	Geometric Mean			12.7								
92	Median			14								
93	Standard Deviation			4.515								
94	Coefficient of Variation			0.331								
95												
96	Mann-Kendall Test											
97	M-K Test Value (S)			-103								
98	Tabulated p-value			0								
99	Standard Deviation of S			28.17								
100	Standardized Value of S			-3.621								
101	Approximate p-value			1.4696E-4								
102												
103	Statistically significant evidence of a decreasing											
104	trend at the specified level of significance.											
105	1-2_DCP-mw-26											
106												
107	General Statistics											
108	Number of Events Reported (m)			19								
109	Number of Missing Events			0								
110	Number or Reported Events Used			19								
111	Number Values Reported (n)			19								
112	Minimum			0.32								
113	Maximum			4.5								
114	Mean			2.177								
115	Geometric Mean			1.759								
116	Median			1.9								
117	Standard Deviation			1.262								
118	Coefficient of Variation			0.579								

	A	B	C	D	E	F	G	H	I	J	K	L
119												
120	Mann-Kendall Test											
121	M-K Test Value (S)				-74							
122	Tabulated p-value				0.004							
123	Standard Deviation of S				28.53							
124	Standardized Value of S				-2.559							
125	Approximate p-value				0.00525							
126												
127	Statistically significant evidence of a decreasing											
128	trend at the specified level of significance.											
129	1-2_DCP-mw-28											
130												
131	General Statistics											
132	Number of Events Reported (m)				19							
133	Number of Missing Events				0							
134	Number or Reported Events Used				19							
135	Number Values Reported (n)				19							
136	Minimum				0.36							
137	Maximum				12							
138	Mean				4.324							
139	Geometric Mean				2.672							
140	Median				2.2							
141	Standard Deviation				3.943							
142	Coefficient of Variation				0.912							
143												
144	Mann-Kendall Test											
145	M-K Test Value (S)				109							
146	Tabulated p-value				0							
147	Standard Deviation of S				28.55							
148	Standardized Value of S				3.783							
149	Approximate p-value				7.7451E-5							
150												
151	Statistically significant evidence of an increasing											
152	trend at the specified level of significance.											
153	1-2_DCP-mw-31											
154												
155	General Statistics											
156	Number of Events Reported (m)				19							
157	Number of Missing Events				0							
158	Number or Reported Events Used				19							
159	Number Values Reported (n)				19							
160	Minimum				5.6							
161	Maximum				19							
162	Mean				11.61							
163	Geometric Mean				11.14							
164	Median				11							
165	Standard Deviation				3.307							
166	Coefficient of Variation				0.285							
167												
168	Mann-Kendall Test											
169	M-K Test Value (S)				-74							
170	Tabulated p-value				0.004							
171	Standard Deviation of S				28.45							
172	Standardized Value of S				-2.566							
173	Approximate p-value				0.00514							
174												
175	Statistically significant evidence of a decreasing											
176	trend at the specified level of significance.											

	A	B	C	D	E	F	G	H	I	J	K	L
177	1-2_DCP-mw-38											
178												
179	General Statistics											
180	Number of Events Reported (m)			19								
181	Number of Missing Events			0								
182	Number or Reported Events Used			19								
183	Number Values Reported (n)			19								
184	Minimum			2.5								
185	Maximum			7.2								
186	Mean			5.689								
187	Geometric Mean			5.525								
188	Median			6								
189	Standard Deviation			1.246								
190	Coefficient of Variation			0.219								
191												
192	Mann-Kendall Test											
193	M-K Test Value (S)			-25								
194	Tabulated p-value			0.203								
195	Standard Deviation of S			28.55								
196	Standardized Value of S			-0.841								
197	Approximate p-value			0.2								
198												
199	Insufficient evidence to identify a significant											
200	trend at the specified level of significance.											
201	1-2_DCP-mw-44											
202												
203	General Statistics											
204	Number of Events Reported (m)			19								
205	Number of Missing Events			0								
206	Number or Reported Events Used			19								
207	Number Values Reported (n)			19								
208	Minimum			0.2								
209	Maximum			0.28								
210	Mean			0.21								
211	Geometric Mean			0.209								
212	Median			0.2								
213	Standard Deviation			0.0208								
214	Coefficient of Variation			0.0991								
215												
216	Mann-Kendall Test											
217	M-K Test Value (S)			-45								
218	Tabulated p-value			0.062								
219	Standard Deviation of S			21.96								
220	Standardized Value of S			-2.003								
221	Approximate p-value			0.0226								
222												
223	Insufficient evidence to identify a significant											
224	trend at the specified level of significance.											
225	1-2_DCP-mw-46											
226												
227	General Statistics											
228	Number of Events Reported (m)			19								
229	Number of Missing Events			0								
230	Number or Reported Events Used			19								
231	Number Values Reported (n)			19								
232	Minimum			0.2								
233	Maximum			0.84								
234	Mean			0.399								
235	Geometric Mean			0.342								
236	Median			0.3								
237	Standard Deviation			0.238								
238	Coefficient of Variation			0.597								

	A	B	C	D	E	F	G	H	I	J	K	L
239												
240	Mann-Kendall Test											
241	M-K Test Value (S)				-34							
242	Tabulated p-value				0.119							
243	Standard Deviation of S				28.27							
244	Standardized Value of S				-1.167							
245	Approximate p-value				0.122							
246												
247	Insufficient evidence to identify a significant											
248	trend at the specified level of significance.											

	A	B	C	D	E	F	G	H	I	J	K	L
1				Mann-Kendall Trend Test Analysis								
2	User Selected Options											
3	Date/Time of Computation			ProUCL 5.2 9/30/2025 12:29:06 PM								
4	From File			05_ProUCL_Input_2025-09-30.xls								
5	Full Precision			OFF								
6	Confidence Coefficient			0.95								
7	Level of Significance			0.05								
8												
9	1-2-3_TCP-mw-16											
10												
11	General Statistics											
12	Number of Events Reported (m)			19								
13	Number of Missing Events			0								
14	Number or Reported Events Used			19								
15	Number Values Reported (n)			19								
16	Minimum			1.3								
17	Maximum			19								
18	Mean			4.911								
19	Geometric Mean			3.993								
20	Median			4.2								
21	Standard Deviation			3.928								
22	Coefficient of Variation			0.8								
23												
24	Mann-Kendall Test											
25	M-K Test Value (S)			5								
26	Tabulated p-value			0.445								
27	Standard Deviation of S			28.51								
28	Standardized Value of S			0.14								
29	Approximate p-value			0.444								
30												
31	Insufficient evidence to identify a significant											
32	trend at the specified level of significance.											
33	1-2-3_TCP-mw-20											
34												
35	General Statistics											
36	Number of Events Reported (m)			19								
37	Number of Missing Events			0								
38	Number or Reported Events Used			19								
39	Number Values Reported (n)			19								
40	Minimum			0.2								
41	Maximum			0.2								
42	Mean			0.2								
43	Geometric Mean			0.2								
44	Median			0.2								
45	Standard Deviation			5.703E-17								
46	Coefficient of Variation			N/A								
47												
48	Mann-Kendall Test											
49	M-K Test Value (S)			0								
50	Tabulated p-value			0.5								
51	Standard Deviation of S			0								
52	Standardized Value of S			N/A								
53	Approximate p-value			N/A								
54												
55	Insufficient evidence to identify a significant											
56	trend at the specified level of significance.											

	A	B	C	D	E	F	G	H	I	J	K	L
57	1-2-3_TCP-mw-24											
58												
59	General Statistics											
60	Number of Events Reported (m)			19								
61	Number of Missing Events			0								
62	Number or Reported Events Used			19								
63	Number Values Reported (n)			19								
64	Minimum			6.8								
65	Maximum			66								
66	Mean			20.31								
67	Geometric Mean			17.44								
68	Median			19								
69	Standard Deviation			13.49								
70	Coefficient of Variation			0.665								
71												
72	Mann-Kendall Test											
73	M-K Test Value (S)			-50								
74	Tabulated p-value			0.04								
75	Standard Deviation of S			28.5								
76	Standardized Value of S			-1.72								
77	Approximate p-value			0.0428								
78												
79	Statistically significant evidence of a decreasing											
80	trend at the specified level of significance.											
81	1-2-3_TCP-mw-25											
82												
83	General Statistics											
84	Number of Events Reported (m)			19								
85	Number of Missing Events			0								
86	Number or Reported Events Used			19								
87	Number Values Reported (n)			19								
88	Minimum			0.48								
89	Maximum			2.7								
90	Mean			1.751								
91	Geometric Mean			1.629								
92	Median			1.9								
93	Standard Deviation			0.592								
94	Coefficient of Variation			0.338								
95												
96	Mann-Kendall Test											
97	M-K Test Value (S)			-99								
98	Tabulated p-value			0								
99	Standard Deviation of S			28.25								
100	Standardized Value of S			-3.468								
101	Approximate p-value			2.6175E-4								
102												
103	Statistically significant evidence of a decreasing											
104	trend at the specified level of significance.											
105	1-2-3_TCP-mw-26											
106												
107	General Statistics											
108	Number of Events Reported (m)			19								
109	Number of Missing Events			0								
110	Number or Reported Events Used			19								
111	Number Values Reported (n)			19								
112	Minimum			0.2								
113	Maximum			1.1								
114	Mean			0.562								
115	Geometric Mean			0.514								
116	Median			0.53								
117	Standard Deviation			0.236								
118	Coefficient of Variation			0.419								

	A	B	C	D	E	F	G	H	I	J	K	L
119												
120	Mann-Kendall Test											
121	M-K Test Value (S)				-93							
122	Tabulated p-value				0							
123	Standard Deviation of S				28.55							
124	Standardized Value of S				-3.223							
125	Approximate p-value				6.3512E-4							
126												
127	Statistically significant evidence of a decreasing											
128	trend at the specified level of significance.											
129	1-2-3_TCP-mw-28											
130												
131	General Statistics											
132	Number of Events Reported (m)				19							
133	Number of Missing Events				0							
134	Number or Reported Events Used				19							
135	Number Values Reported (n)				19							
136	Minimum				0.2							
137	Maximum				0.34							
138	Mean				0.224							
139	Geometric Mean				0.219							
140	Median				0.2							
141	Standard Deviation				0.0498							
142	Coefficient of Variation				0.223							
143												
144	Mann-Kendall Test											
145	M-K Test Value (S)				65							
146	Tabulated p-value				0.012							
147	Standard Deviation of S				21.96							
148	Standardized Value of S				2.914							
149	Approximate p-value				0.00178							
150												
151	Statistically significant evidence of an increasing											
152	trend at the specified level of significance.											
153	1-2-3_TCP-mw-31											
154												
155	General Statistics											
156	Number of Events Reported (m)				19							
157	Number of Missing Events				0							
158	Number or Reported Events Used				19							
159	Number Values Reported (n)				19							
160	Minimum				0.71							
161	Maximum				1.7							
162	Mean				1.12							
163	Geometric Mean				1.096							
164	Median				1.1							
165	Standard Deviation				0.238							
166	Coefficient of Variation				0.212							
167												
168	Mann-Kendall Test											
169	M-K Test Value (S)				-95							
170	Tabulated p-value				0							
171	Standard Deviation of S				27.69							
172	Standardized Value of S				-3.394							
173	Approximate p-value				3.4422E-4							
174												
175	Statistically significant evidence of a decreasing											
176	trend at the specified level of significance.											

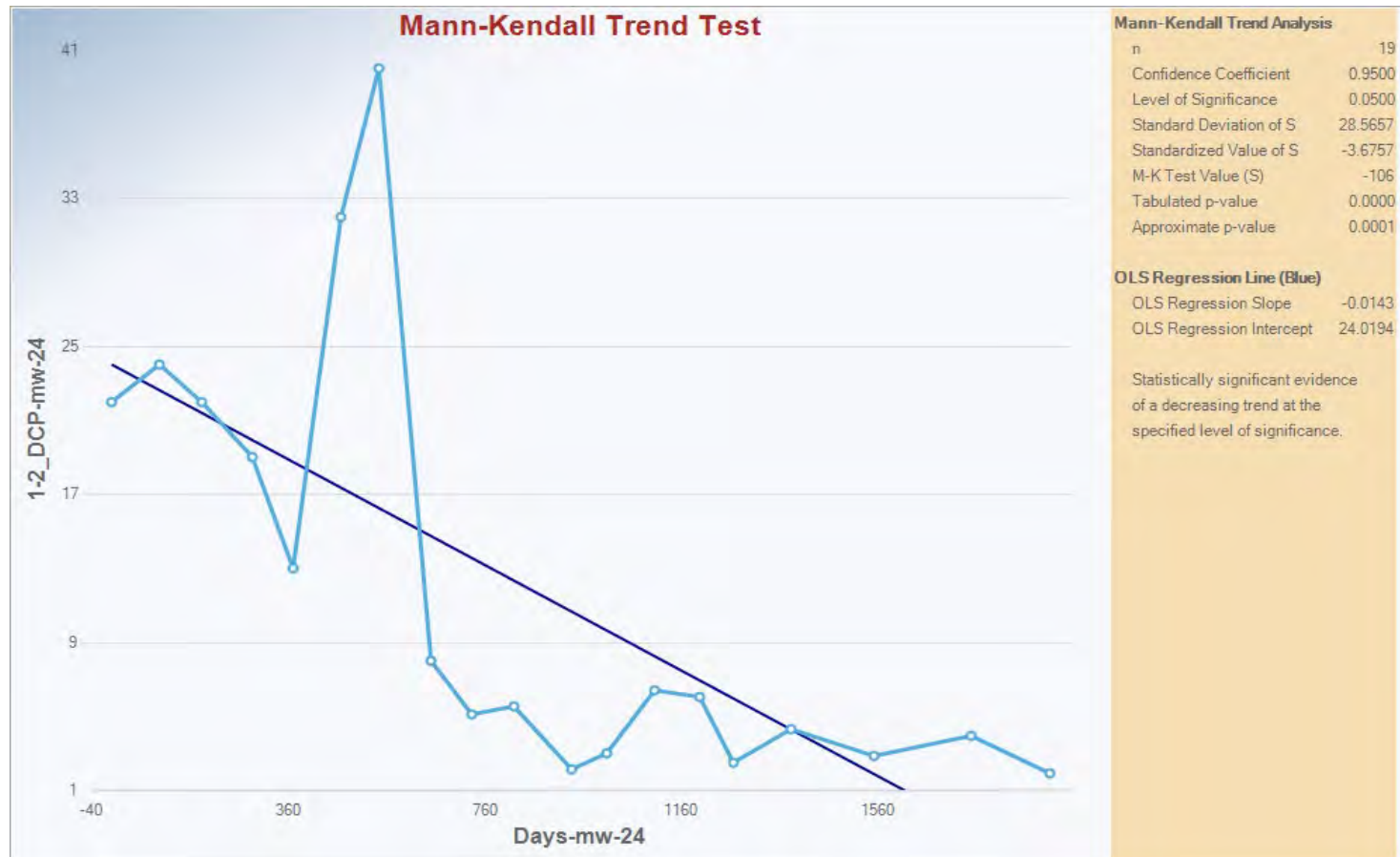
	A	B	C	D	E	F	G	H	I	J	K	L
177	1-2-3_TCP-mw-38											
178												
179	General Statistics											
180	Number of Events Reported (m)			19								
181	Number of Missing Events			0								
182	Number or Reported Events Used			19								
183	Number Values Reported (n)			19								
184	Minimum			0.2								
185	Maximum			0.2								
186	Mean			0.2								
187	Geometric Mean			0.2								
188	Median			0.2								
189	Standard Deviation			5.703E-17								
190	Coefficient of Variation			N/A								
191												
192	Mann-Kendall Test											
193	M-K Test Value (S)			0								
194	Tabulated p-value			0.5								
195	Standard Deviation of S			0								
196	Standardized Value of S			N/A								
197	Approximate p-value			N/A								
198												
199	Insufficient evidence to identify a significant											
200	trend at the specified level of significance.											
201	1-2-3_TCP-mw-44											
202												
203	General Statistics											
204	Number of Events Reported (m)			19								
205	Number of Missing Events			0								
206	Number or Reported Events Used			19								
207	Number Values Reported (n)			19								
208	Minimum			0.2								
209	Maximum			0.2								
210	Mean			0.2								
211	Geometric Mean			0.2								
212	Median			0.2								
213	Standard Deviation			5.703E-17								
214	Coefficient of Variation			N/A								
215												
216	Mann-Kendall Test											
217	M-K Test Value (S)			0								
218	Tabulated p-value			0.5								
219	Standard Deviation of S			0								
220	Standardized Value of S			N/A								
221	Approximate p-value			N/A								
222												
223	Insufficient evidence to identify a significant											
224	trend at the specified level of significance.											
225	1-2-3_TCP-mw-46											
226												
227	General Statistics											
228	Number of Events Reported (m)			19								
229	Number of Missing Events			0								
230	Number or Reported Events Used			19								
231	Number Values Reported (n)			19								
232	Minimum			0.2								
233	Maximum			0.2								
234	Mean			0.2								
235	Geometric Mean			0.2								
236	Median			0.2								
237	Standard Deviation			5.703E-17								
238	Coefficient of Variation			N/A								

	A	B	C	D	E	F	G	H	I	J	K	L
239												
240	Mann-Kendall Test											
241	M-K Test Value (S)		0									
242	Tabulated p-value		0.5									
243	Standard Deviation of S		0									
244	Standardized Value of S		N/A									
245	Approximate p-value		N/A									
246												
247	Insufficient evidence to identify a significant											
248	trend at the specified level of significance.											

1,2-Dichloropropane Trends

Source Area

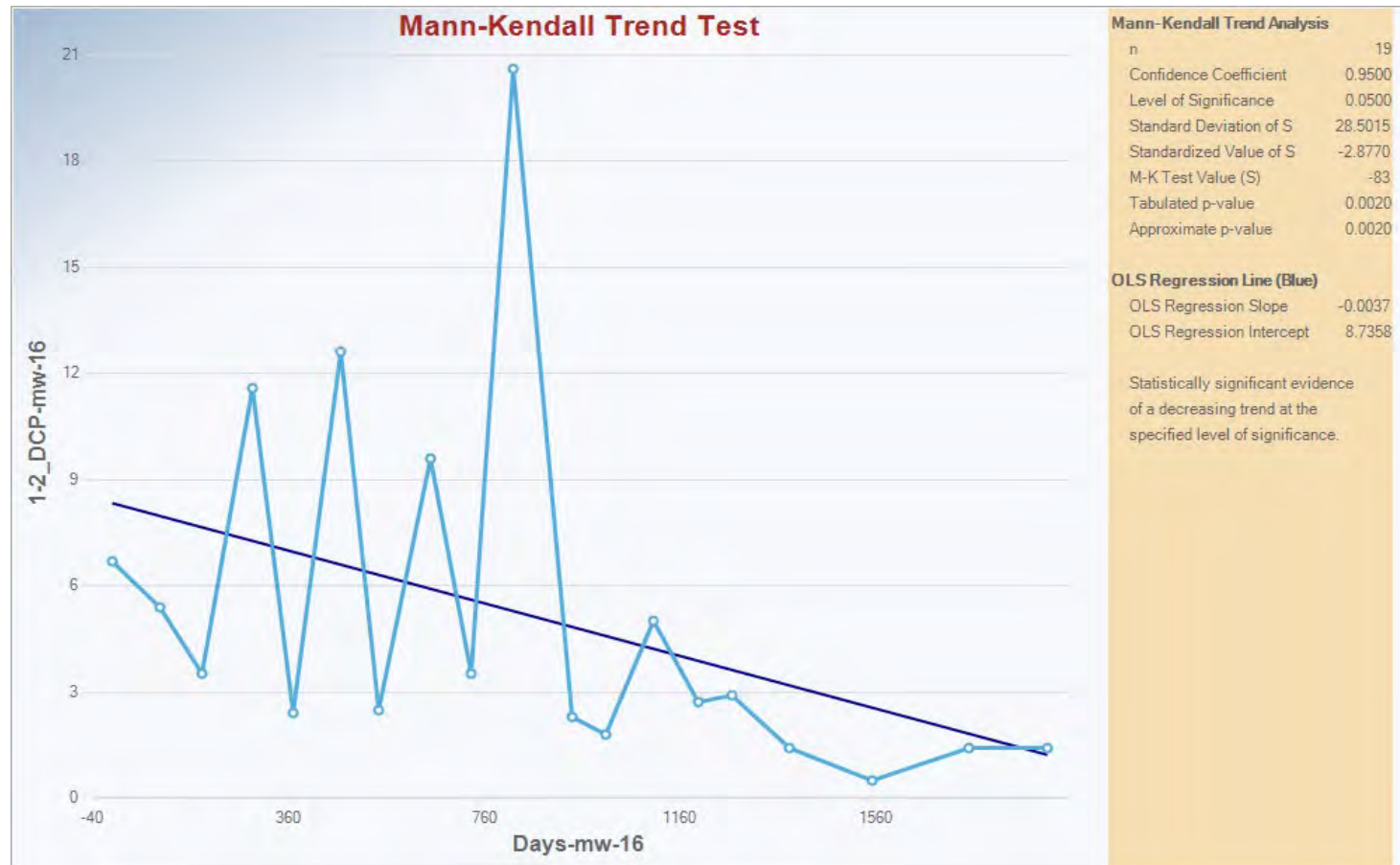
Shallow Well MW-24: Decreasing Trend



1,2-Dichloropropane Trends

Source Area

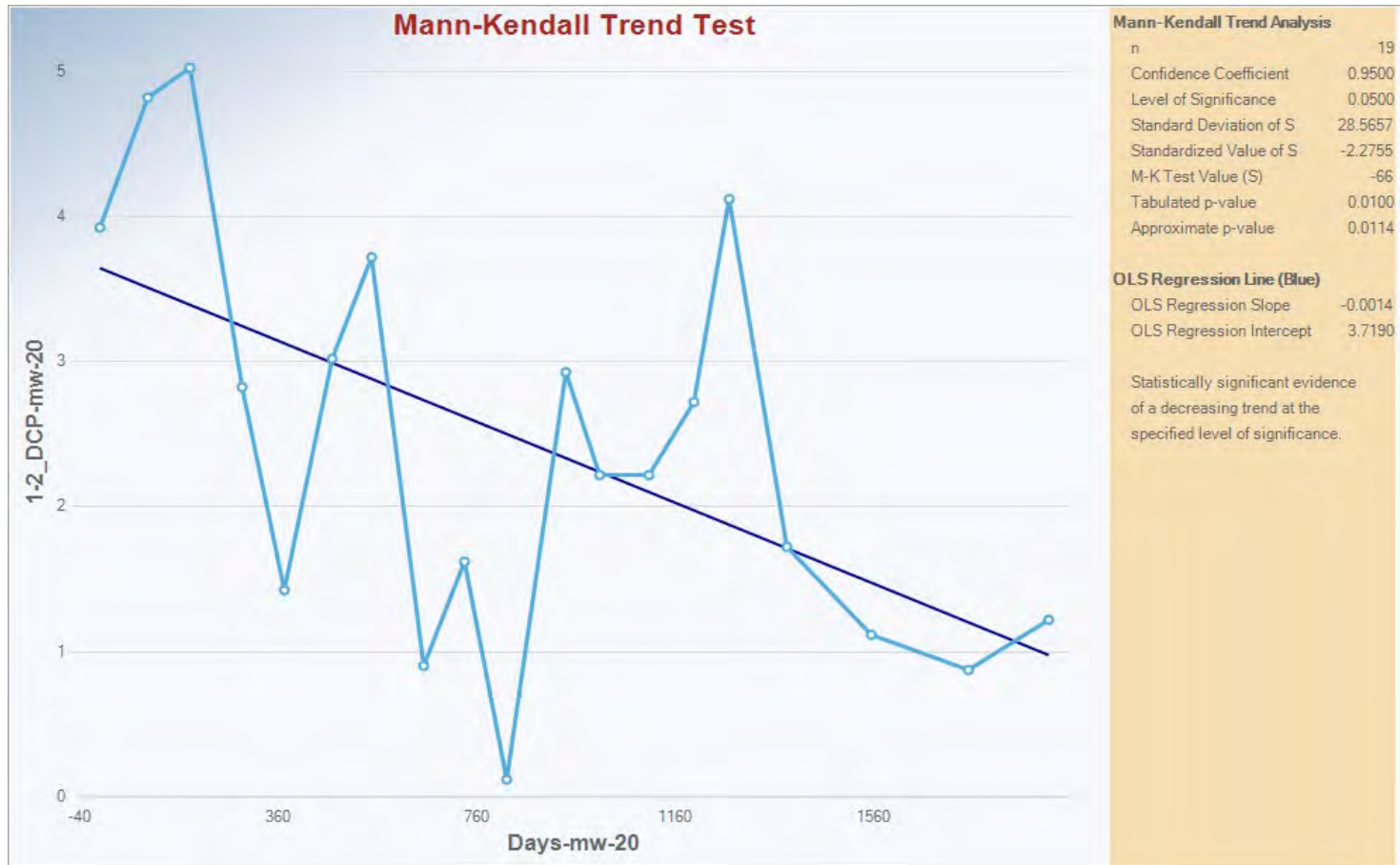
Deep Well MW-16: Decreasing Trend



1,2-Dichloropropane Trends

Mid-Plume

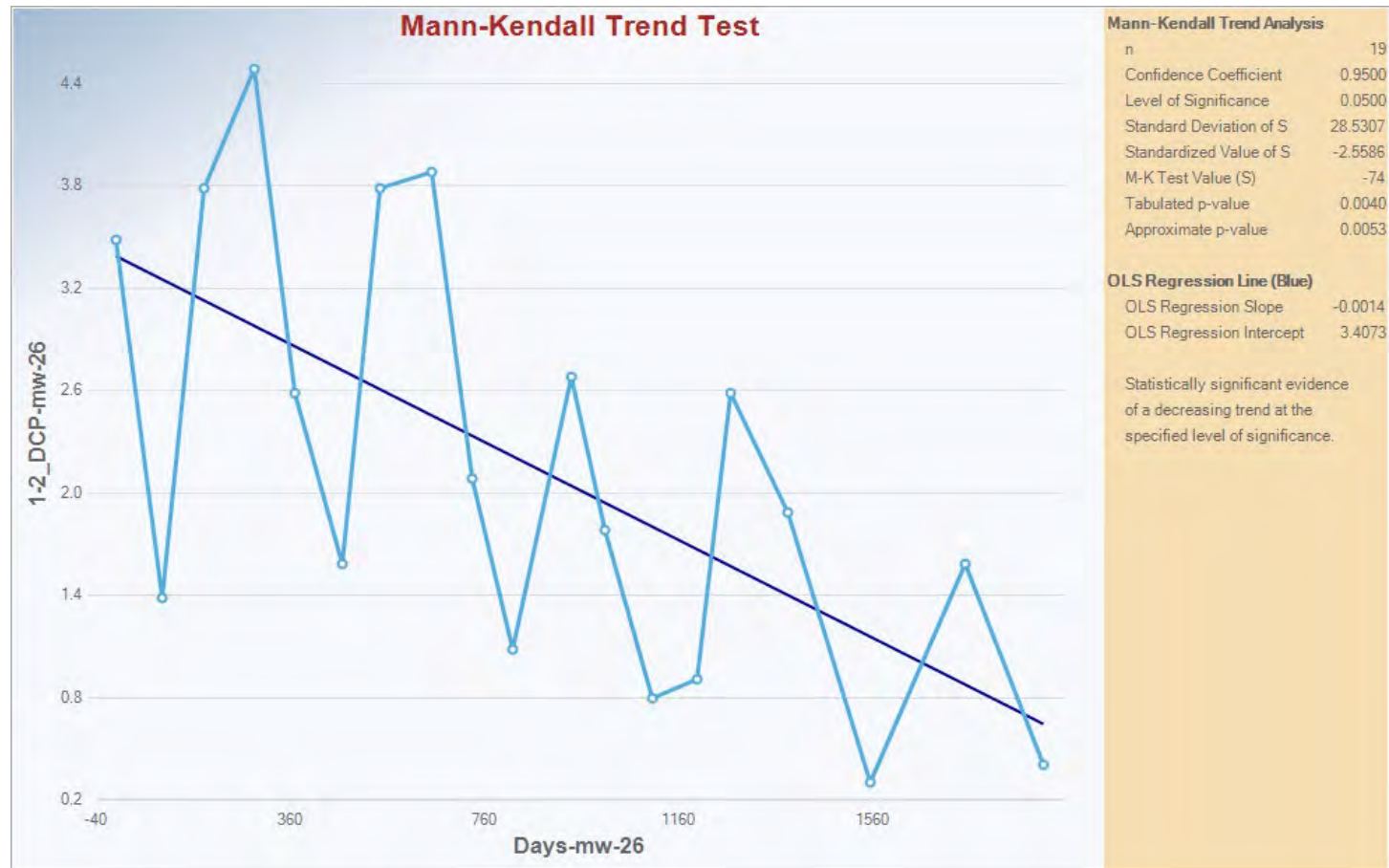
Shallow Well MW-20: Decreasing Trend



1,2-Dichloropropane Trends

Mid-Plume

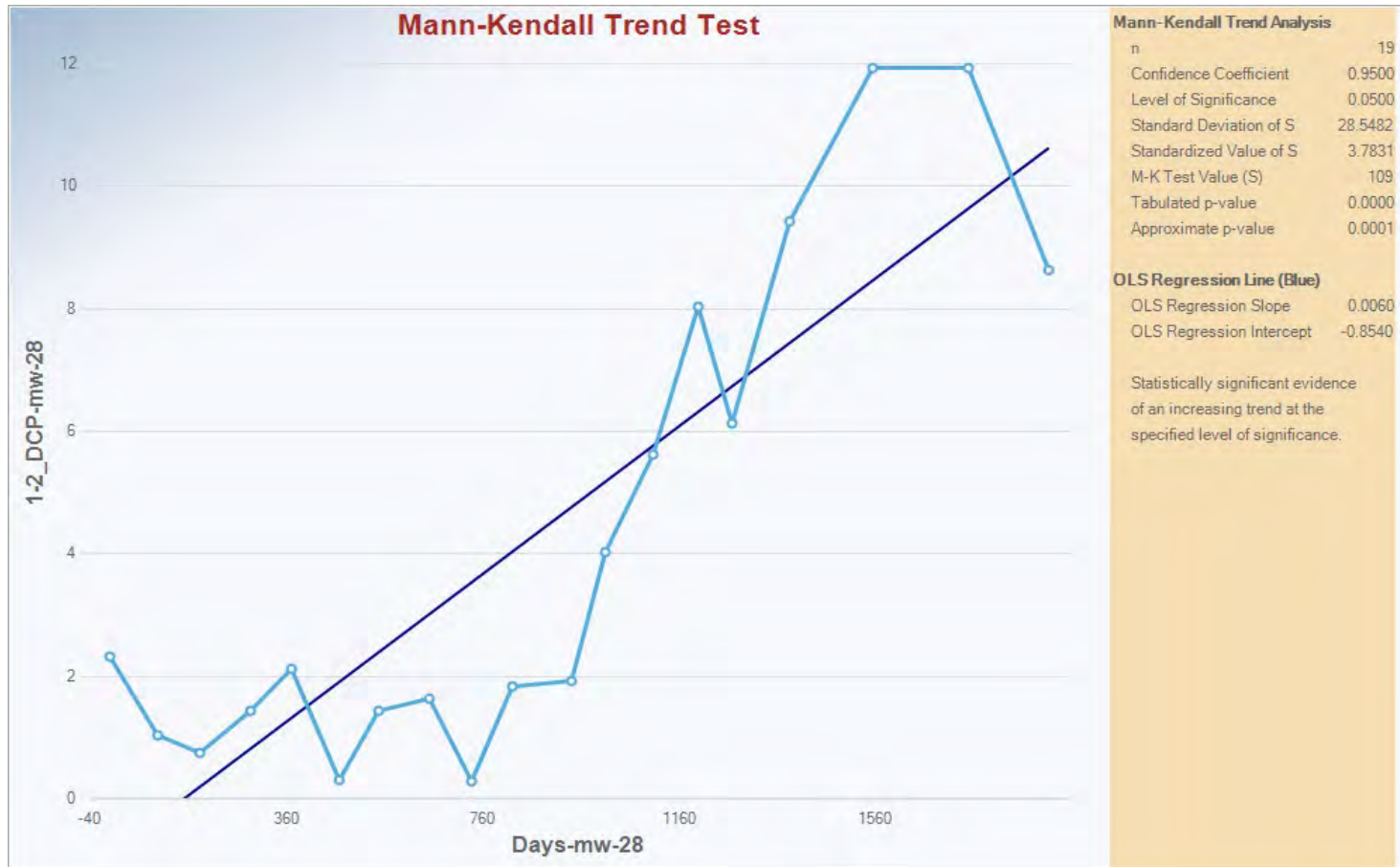
Shallow Well MW-26: Decreasing Trend



1,2-Dichloropropane Trends

Mid-Plume

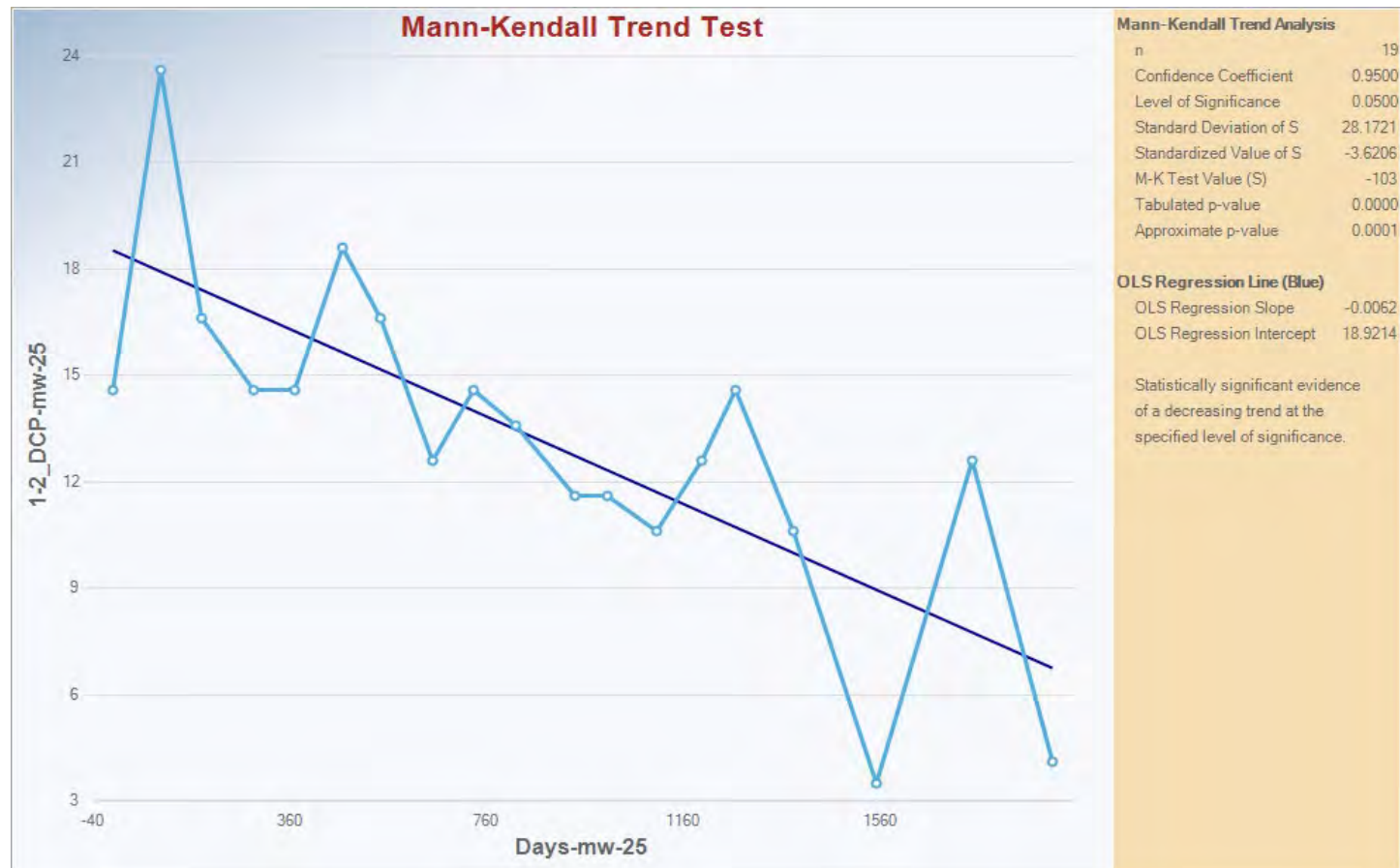
Shallow Well MW-28: Increasing Trend



1,2-Dichloropropane Trends

Mid-Plume

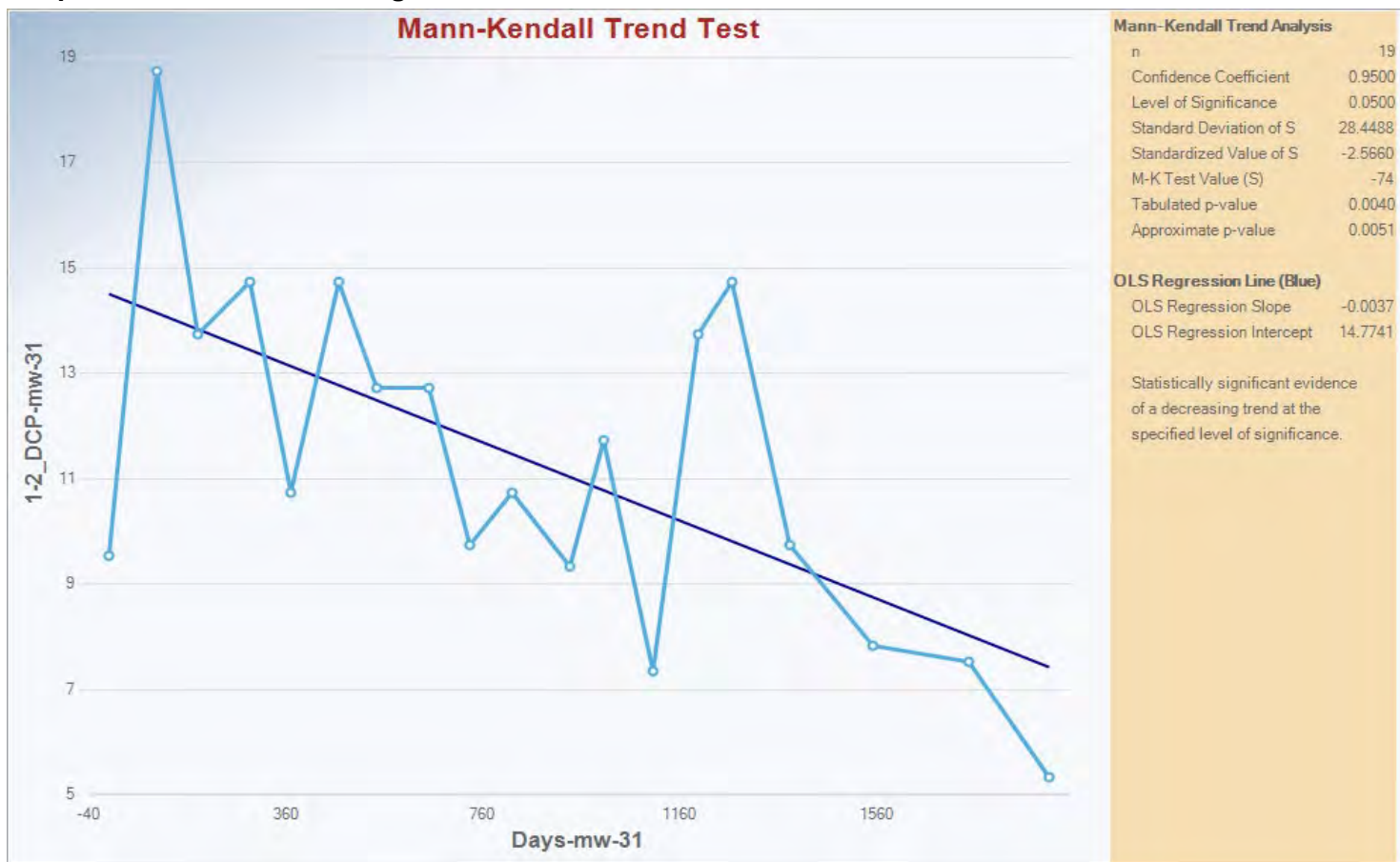
Deep Well MW-25: Decreasing Trend



1,2-Dichloropropane Trends

Mid-Plume

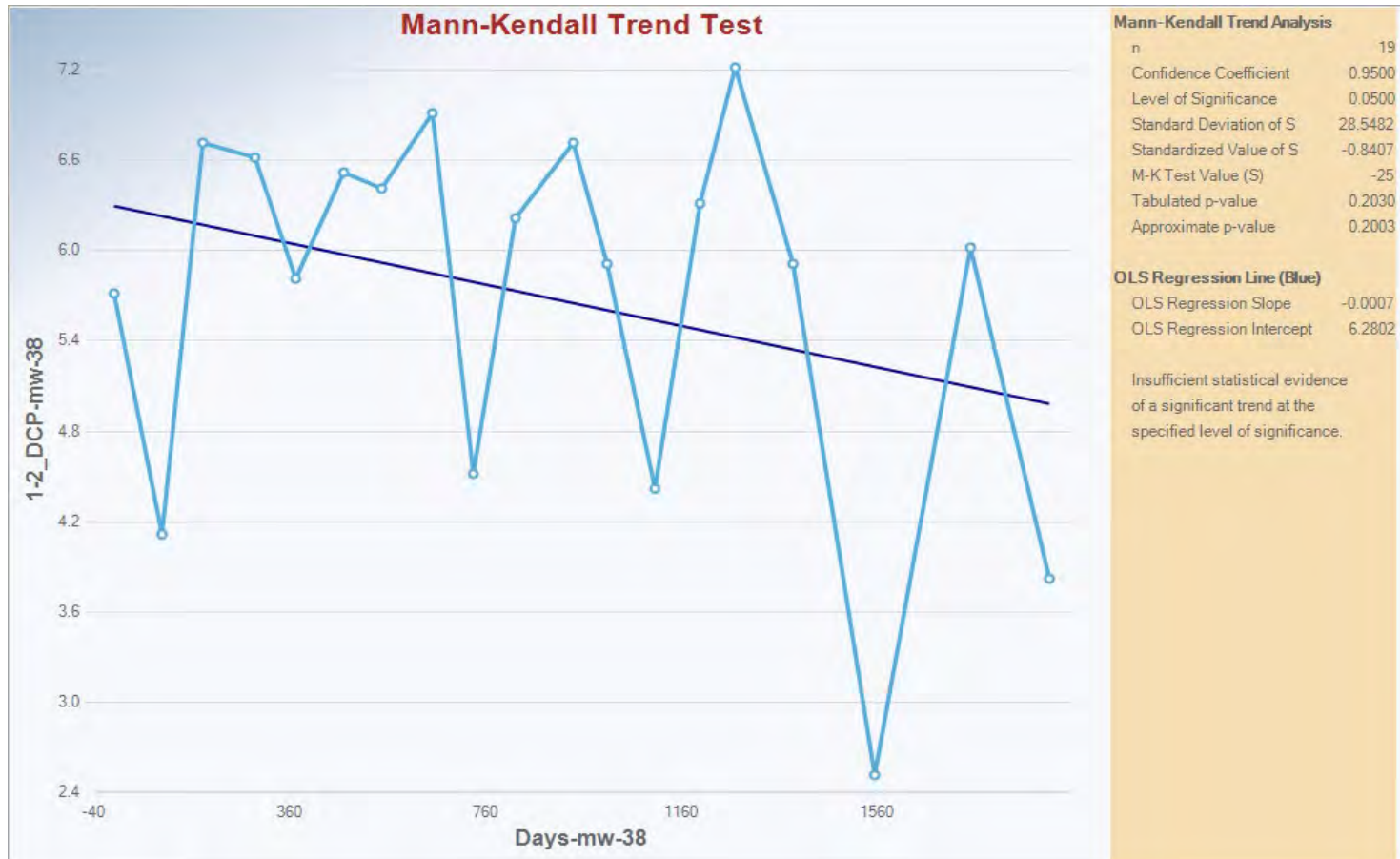
Deep Well MW-31: Decreasing Trend



1,2-Dichloropropane Trends

End of Plume

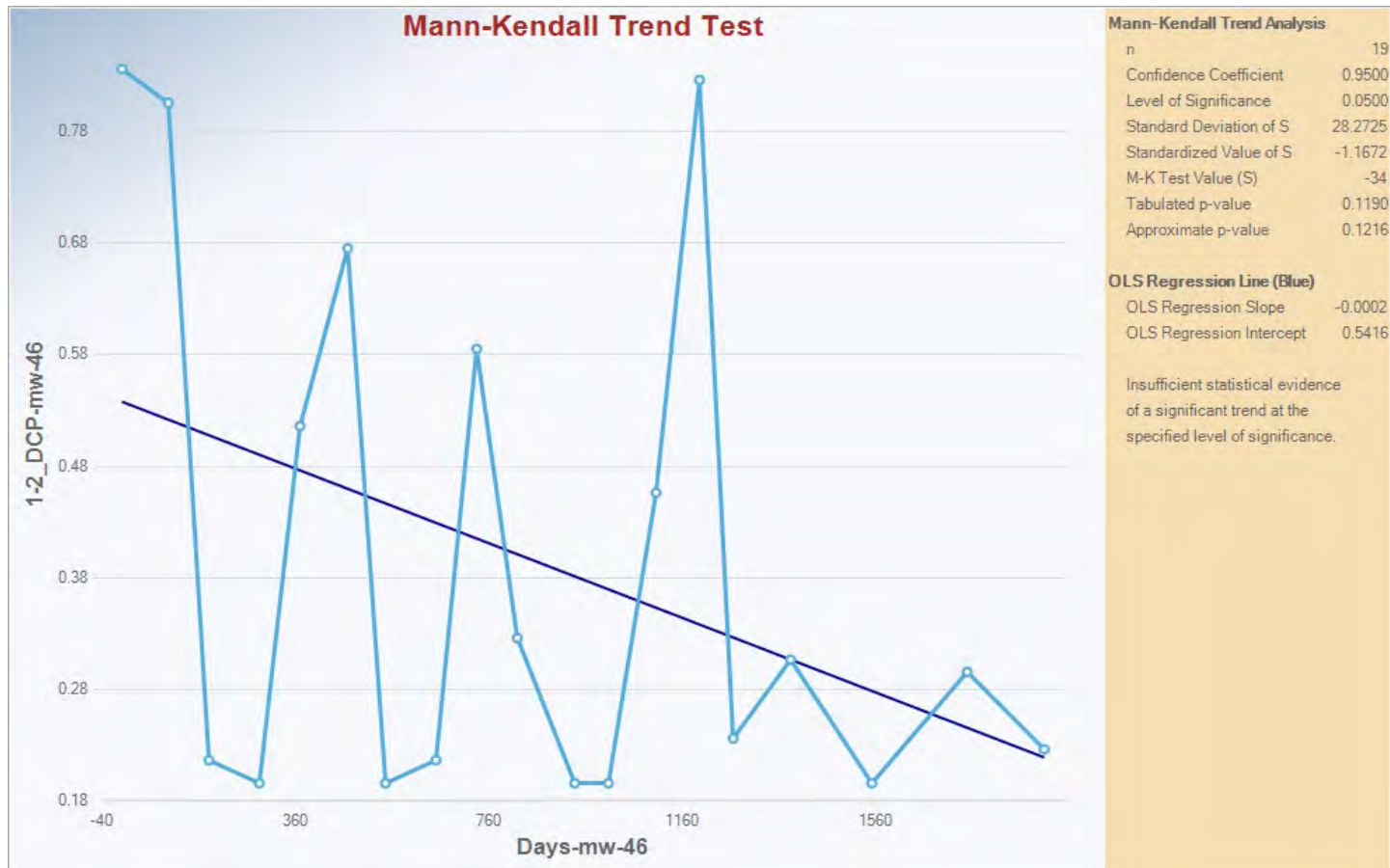
Shallow Well MW-38: Stable (no trend)



1,2-Dichloropropane Trends

End of Plume

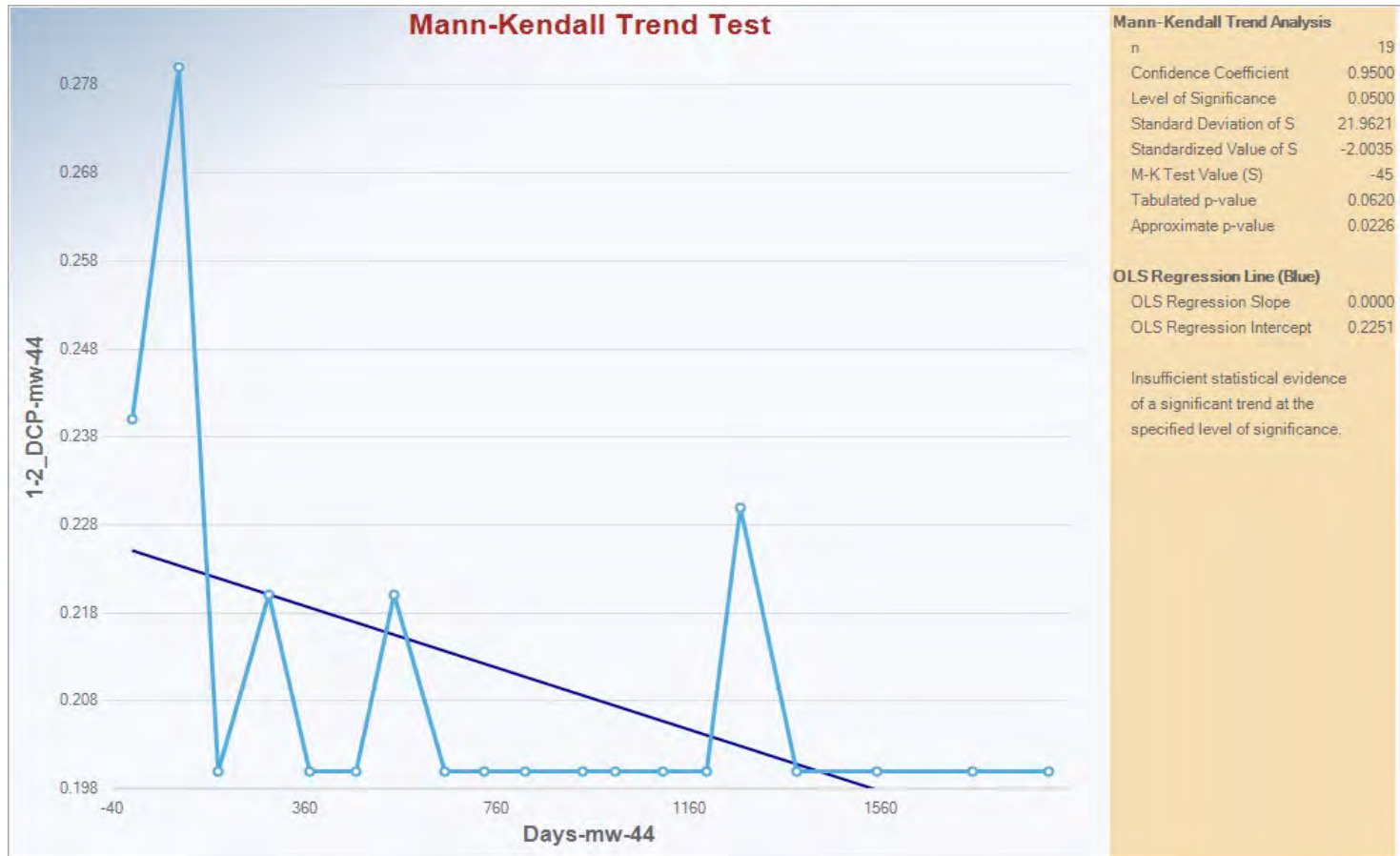
Shallow Well MW-46: Stable (no trend)



1,2-Dichloropropane Trends

End of Plume

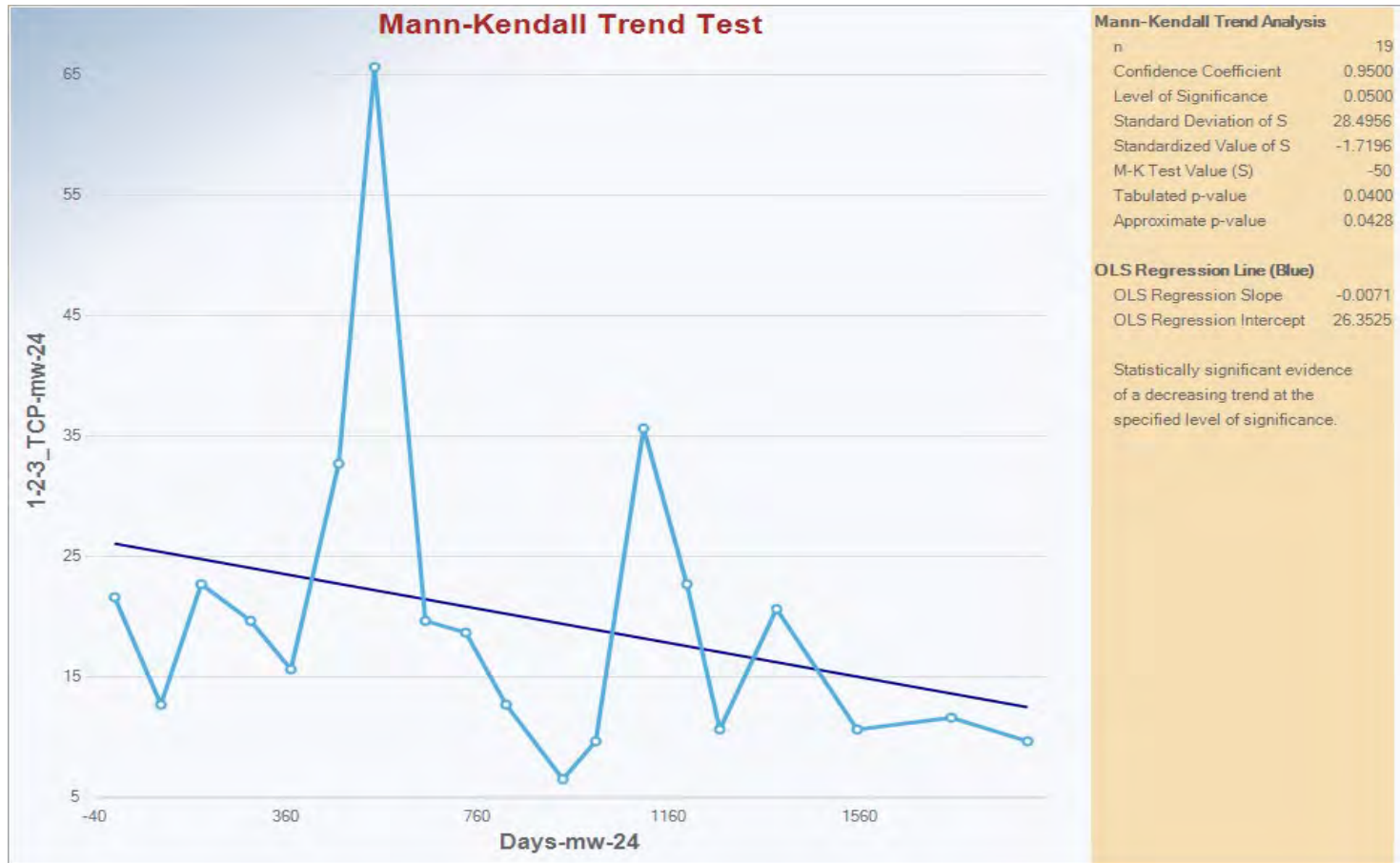
Deep Well MW-44: Stable (no trend)



1,2,3-Trichloropropane Trends

Source Area

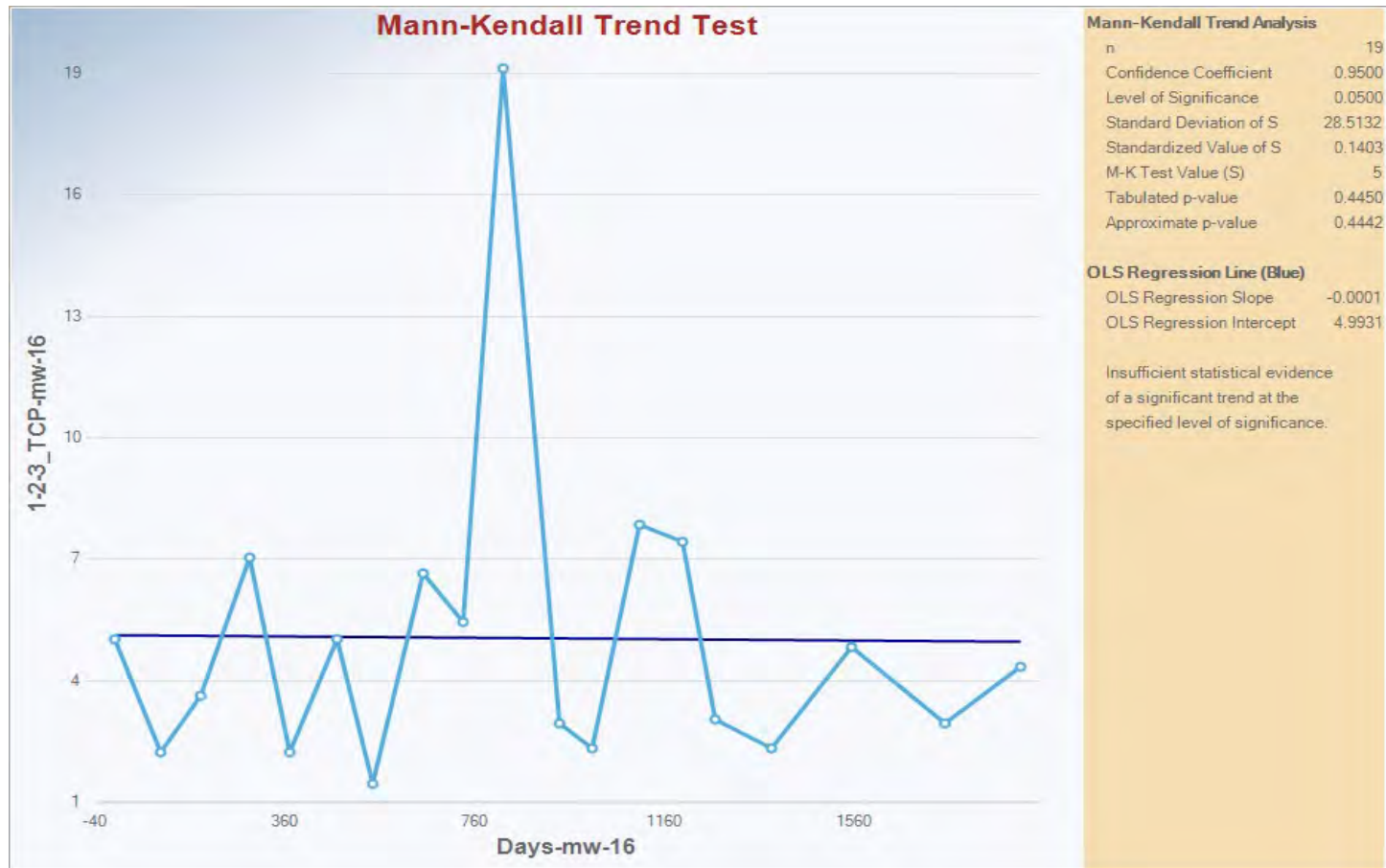
Shallow Well MW-24: Decreasing Trend



1,2,3-Trichloropropane Trends

Source Area

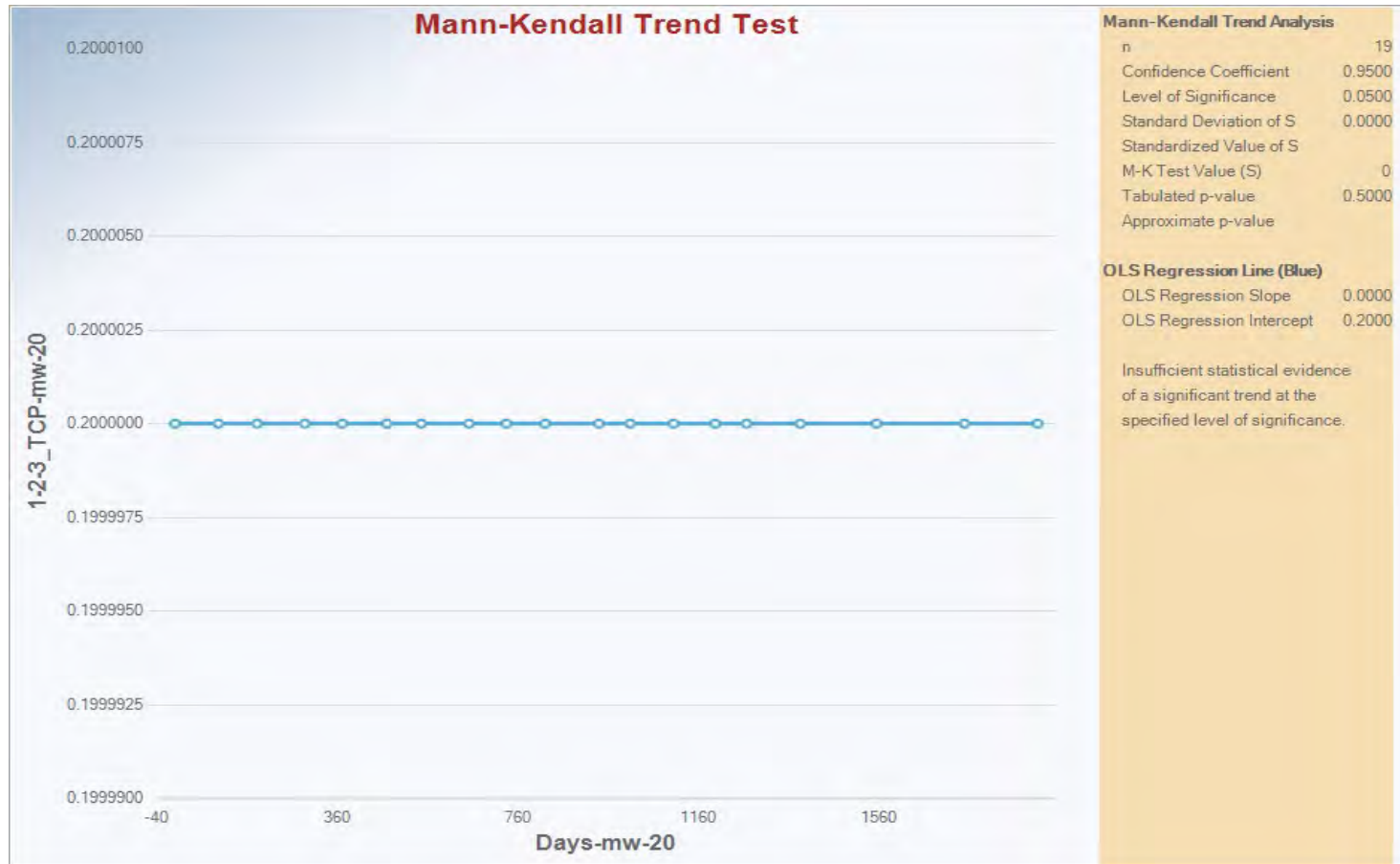
Deep Well MW-16: Stable (no trend)



1,2,3-Trichloropropane Trends

Mid-Plume

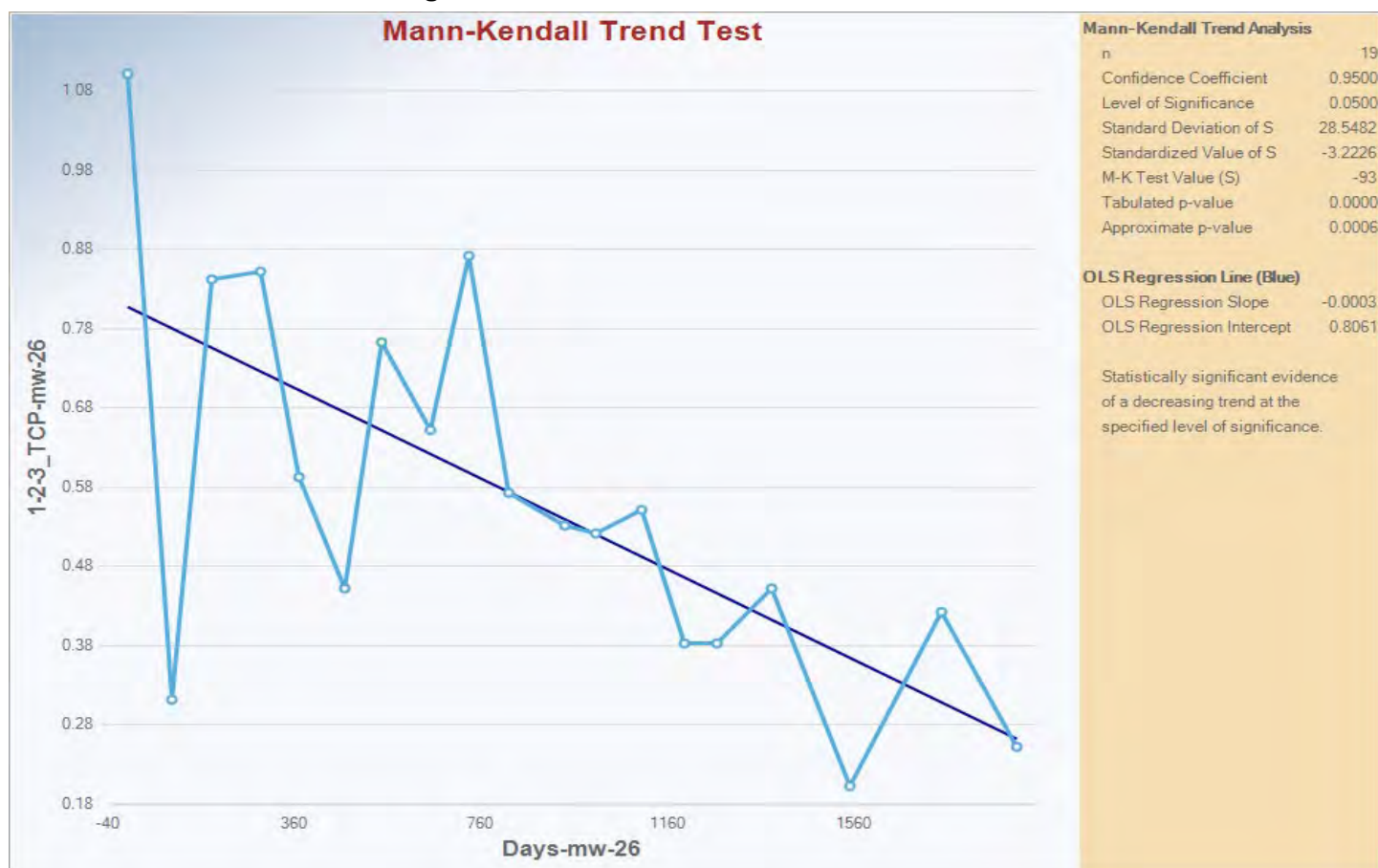
Shallow Well MW-20: Stable (no trend; not detected)



1,2,3-Trichloropropane Trends

Mid-Plume

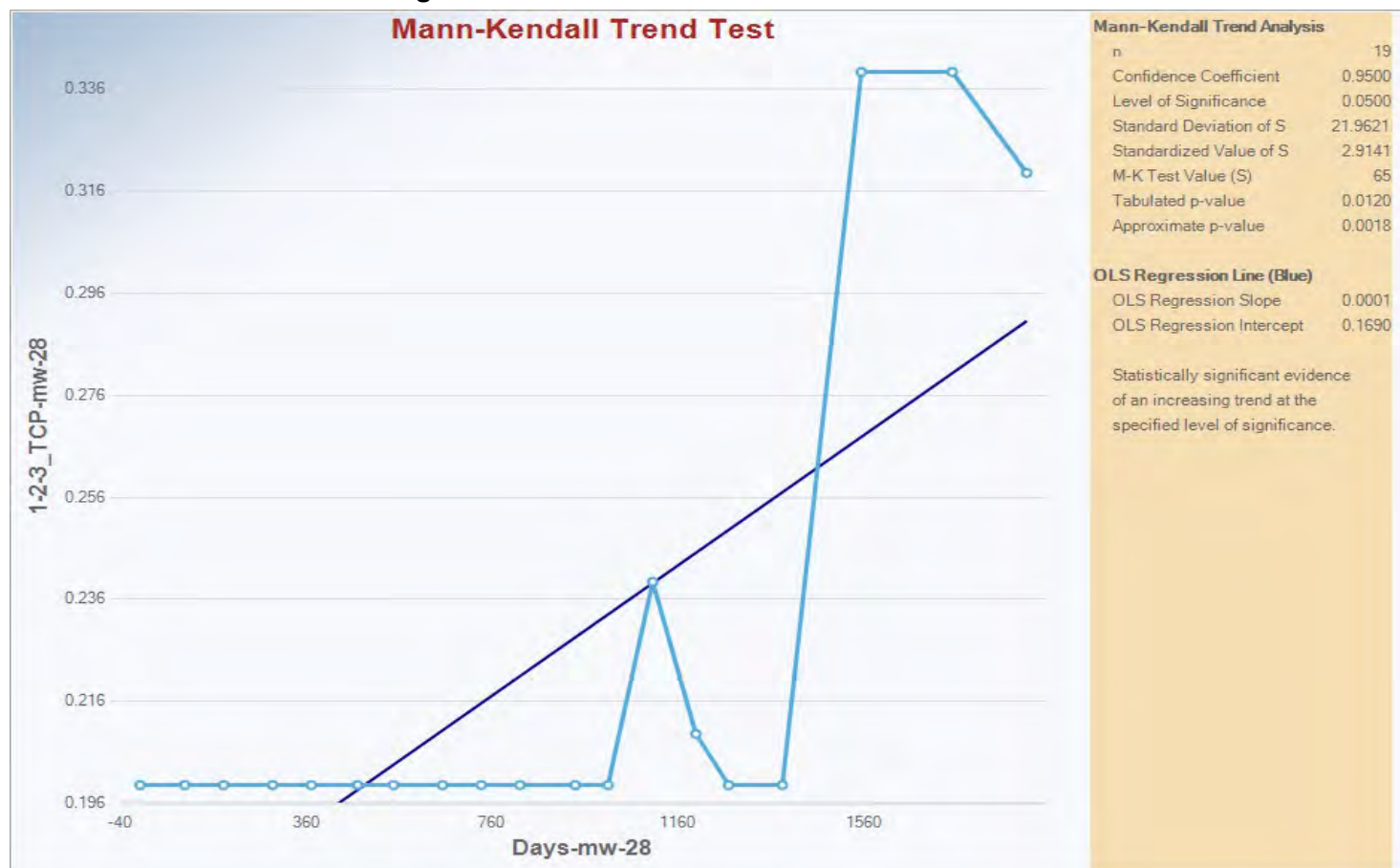
Shallow Well MW-26: Decreasing Trend



1,2,3-Trichloropropane Trends

Mid-Plume

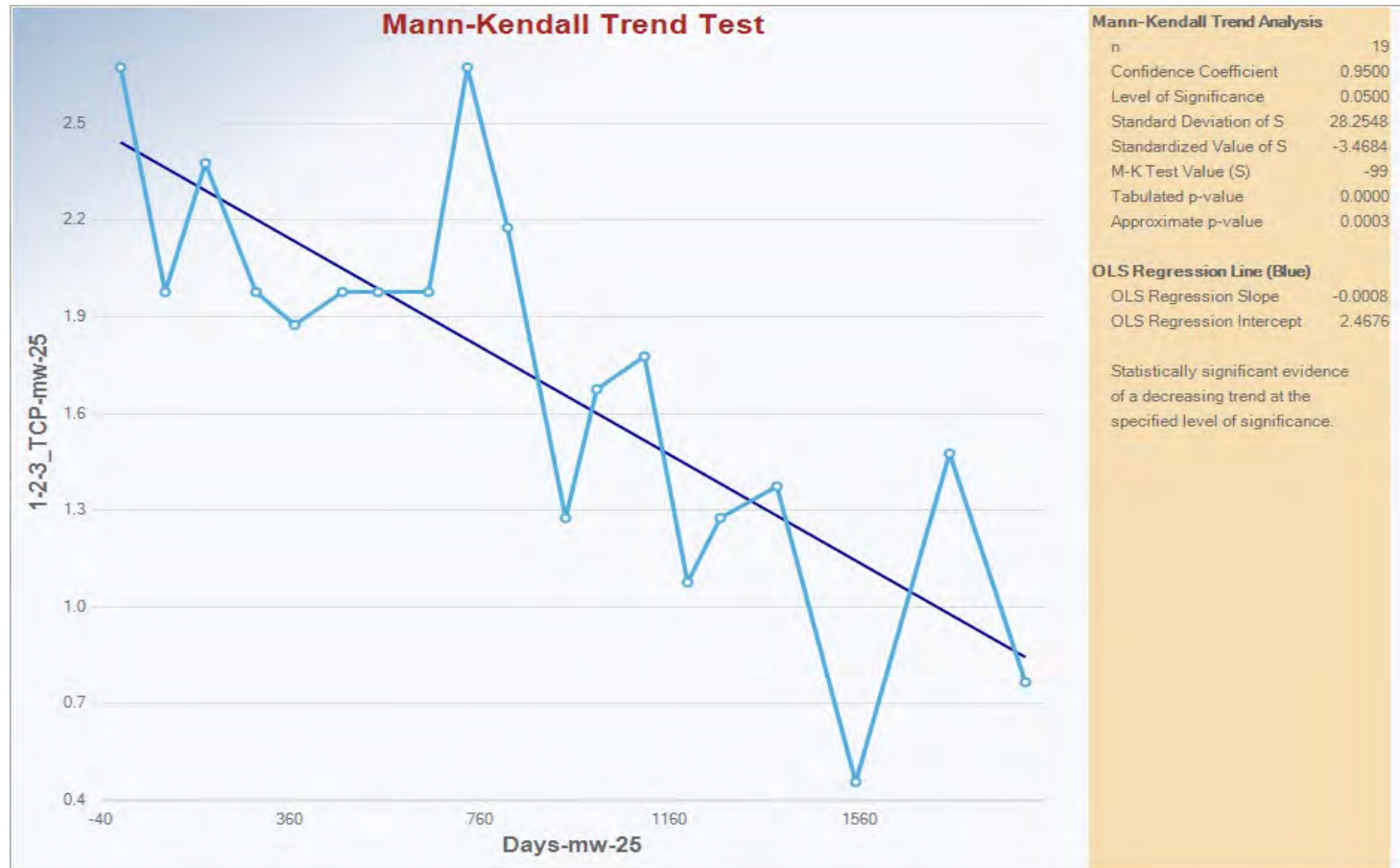
Shallow Well MW-28: Increasing Trend



1,2,3-Trichloropropane Trends

Mid-Plume

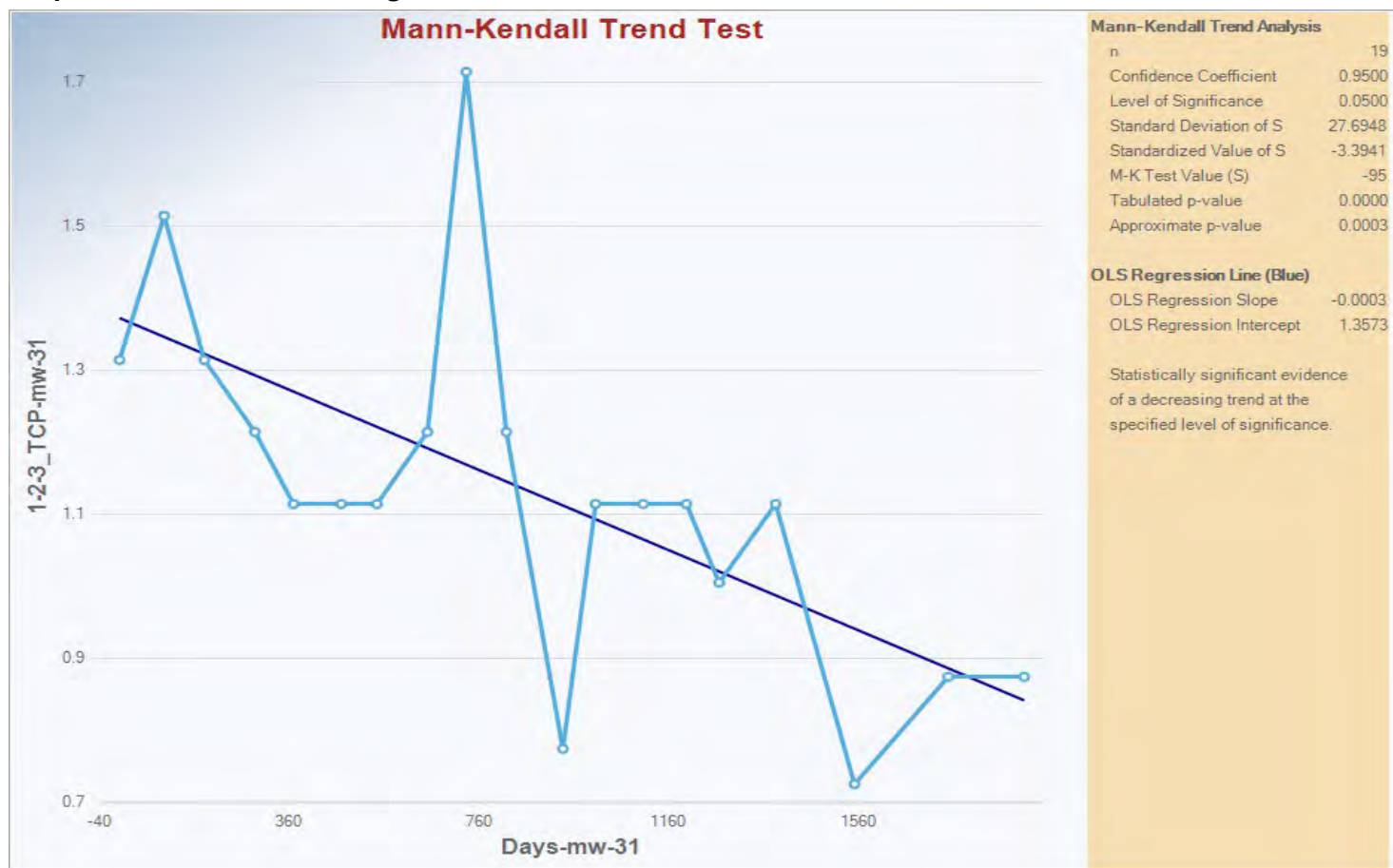
Deep Well MW-25: Decreasing Trend



1,2,3-Trichloropropane Trends

Mid-Plume

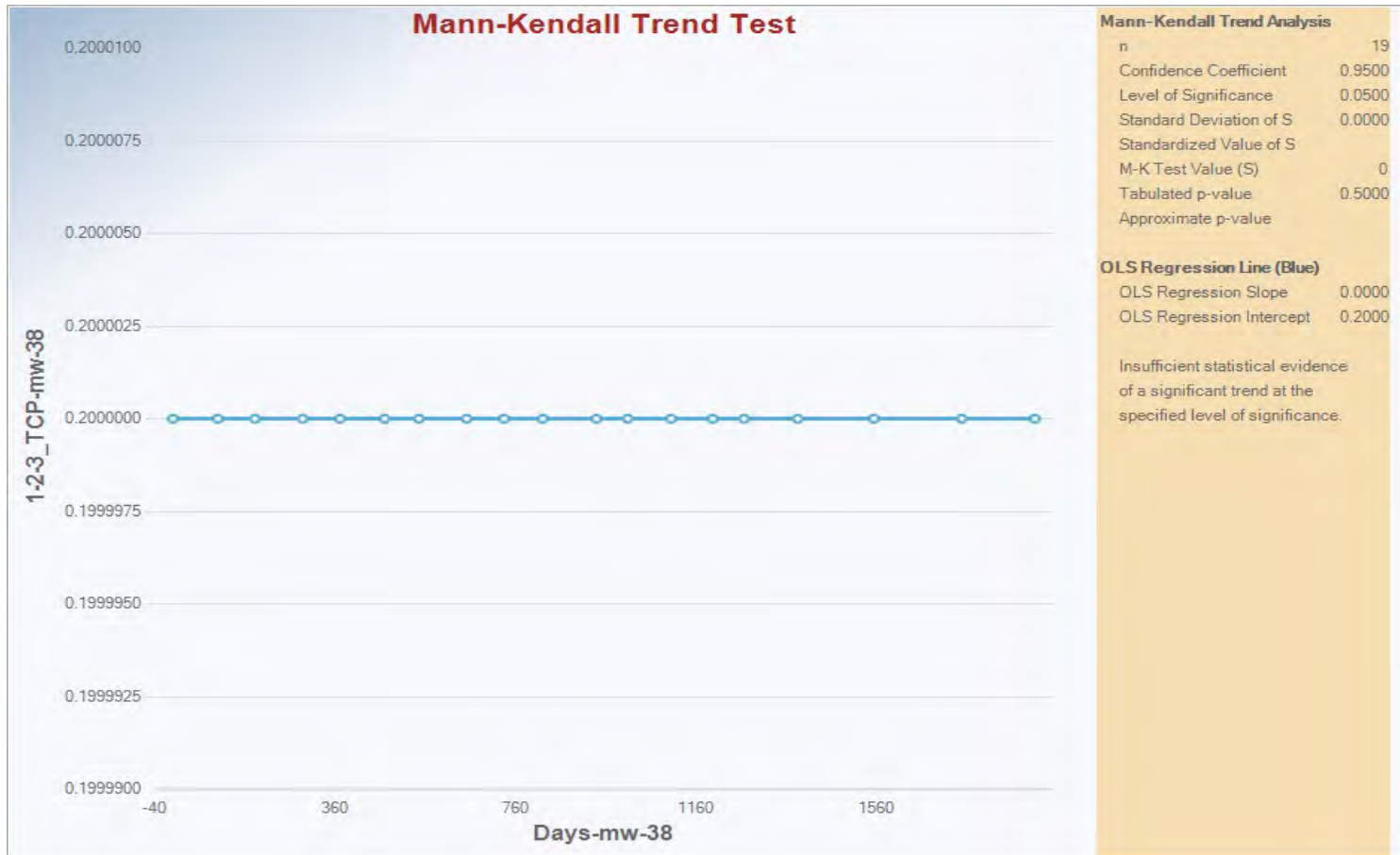
Deep Well MW-31: Decreasing Trend



1,2,3-Trichloropropane Trends

End of Plume

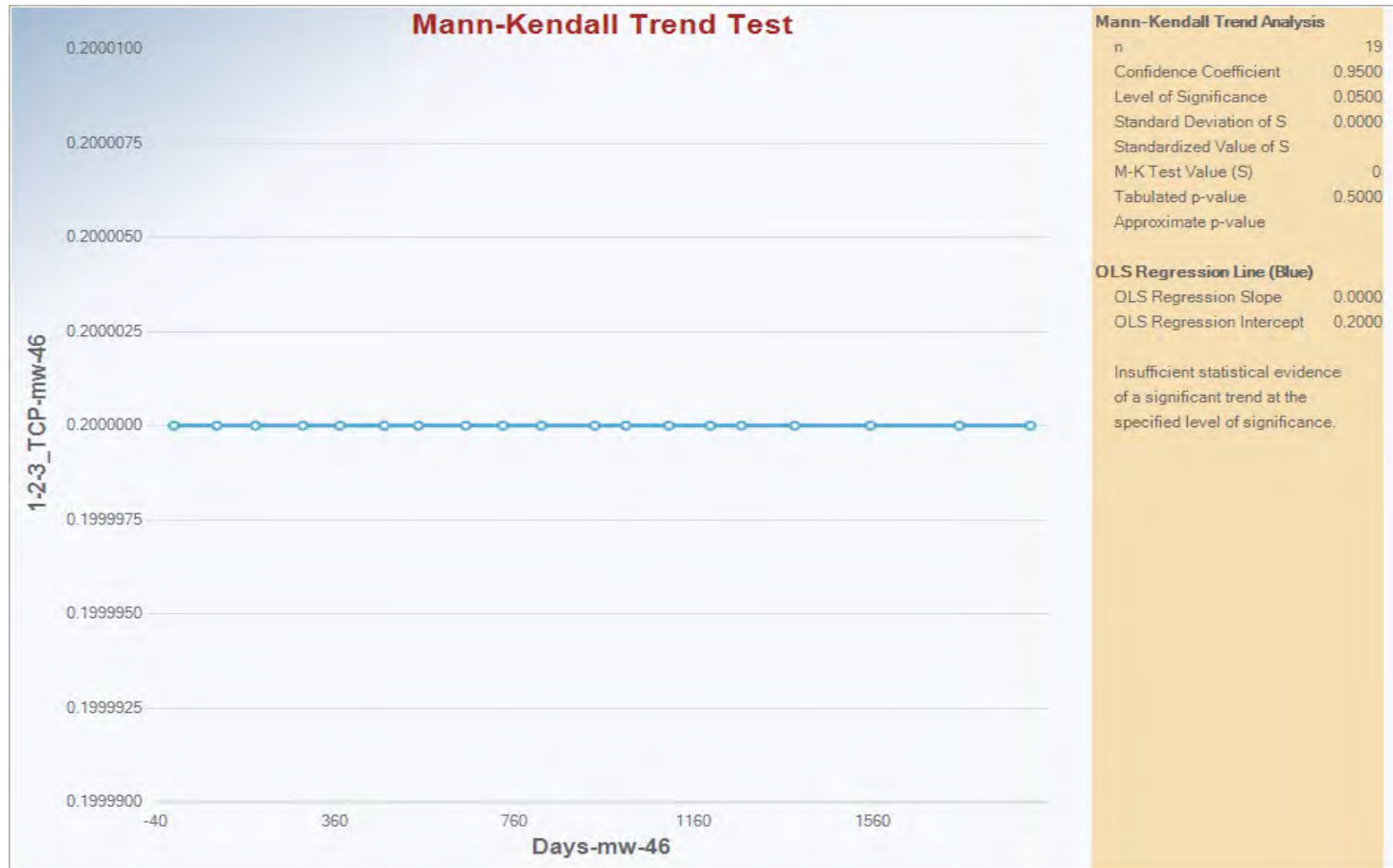
Shallow Well MW-38: Stable (no trend; not detected)



1,2,3-Trichloropropane Trends

End of Plume

Shallow Well MW-46: Stable (no trend; not detected)



1,2,3-Trichloropropane Trends

End of Plume

Deep Well MW-44: Stable (no trend; not detected)

